November 20, 2017

Via E-Mail: Joshua_I_williams@dekalbschoolsga.org

Mr. Joshua L. Williams, MBA, MSM, PMP Chief Operations Officer DeKalb County School District Operations Division Sam Moss Service Center 1780 Montreal Road Tucker, Georgia 30084

Re: Summary of Additional Lead in Drinking Water Sample Results Druid Hills High School (Facility ID #2055) 1798 Haygood Drive, Atlanta, Georgia 30307 AEM Project No. 1561-1601

Dear Mr. Williams:

Atlanta Environmental Management, Inc. (AEM) is pleased to provide the DeKalb County School District (DCSD) an electronic copy of the Lead in Drinking Water Sample Results for Druid Hills High School (Facility ID #2055). Additional drinking water samples from select source units were collected on May 26, 2017, October 3, 2017, and November 9, 2017, and analytical results were received from Analytical Environmental Services, Inc., on June 12, 2017, October 16, 2017, and November 17, 2017.

FINDINGS

Initial Sample Results of Previously Identified Source Units Not Sampled

During the initial sampling event on December 20, 2016, 6 source units (CS-002 through CS-007) were not initially identified as a drinking water source per the Sampling Protocol. Out of an abundance of caution, the Sampling Protocol was revised, and it was determined that source unit OT-001 should be sampled. Thus, on May 26, 2017, AEM collected 12 drinking water samples from these source units. A description of the drinking water outlets sampled and a summary of sample analytical results are provided in Table 1.

The samples collected did not have a result at a concentration at or above EPA's action level of 15 parts per billion (ppb).

Initial Sample Results of Previously Identified Inaccessible Source Units

During the initial sampling event on December 20, 2016, two source units (TL-001 and TL-004) were not accessible and could not be sampled. On May 26, 2017, AEM collected four drinking water samples from these source units. A description of the drinking water outlets sampled and a summary of sample analytical results are provided in Table 1.

The samples collected from TL-001 did not have a result at a concentration at or above EPA's action level of 15 ppb. One or more of the samples collected from TL-004 contained lead

Mr. Joshua Williams—DeKalb County School District November 20, 2017 Page 2

at a concentration at or above EPA's action level of 15 ppb. Source unit TL-004 remained out of service so that additional remediation measures could be evaluated.

DCSD replaced the faucet on TL-004 and AEM collected two samples on October 3, 2017. One or more of the samples collected from TL-004 contained lead at a concentration at or above EPA's action level of 15 ppb. Source unit TL-004 remained out of service so that additional remediation measures could be evaluated.

DCSD installed a filter on the faucet associated with TL-004 and AEM collected two samples on November 9, 2017. None of the samples collected from source unit TL-004 contained a lead concentration exceeding EPA's action level of 15 ppb.

Sample Results of Previously Identified Source Units That Exceeded 15 ppb

During the initial sampling event on December 20, 2016, two source units were sampled and the analytical results indicated that the results were above EPA's action level of 15 ppb. DCSD replaced the source units and AEM collected four drinking water samples on May 26, 2017.

None of the samples collected from the source units contained lead at a concentration exceeding EPA's action level of 15 ppb. A description of the drinking water outlets sampled and a summary of sample analytical results are provided in Table 2.

We appreciate your selection of AEM for this project. If you have any questions, please do not hesitate to contact us.

Sincerely,

Atlanta Environmental Management, Inc.

Leona Miles, CHMM Senior Project Manager

Janet T. Hart President

/krf

cc: Daniel Drake (DCSD)
Tracee Hill (DCSD)

Sandra Glenn (DeKalb County Watershed Management)

Ryan Cira (DeKalb Board of Health)

Attachment: Table



Druid Hills High School



1798 Haygood Drive, Atlanta, GA 30307

			Lead Test Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
2055-052617-TL-001-A	Initial Draw sample; Handwash sink in the Hardware Lab/Rm C517	5/26/17 5:17 AM	3.26
2055-052617-TL-001-B	Flush sample; Handwash sink in the Hardware Lab/Rm C517	5/26/17 6:58 AM	1.25
	Initial Draw sample; Retest Sink in the far left of Rm A108 next to the refrigerator; Filter		
2055-110917-TL-004-A	added	11/9/17 4:54 AM	5.31
2055-110917-TL-004-B	Flush sample; Retest Sink in the far left of Rm A108 next to the refrigerator; Filter added	11/9/17 4:55 AM	None Detected
2055-052617-CS-002-A	Initial Draw sample; Back right sink in Food's Room/Rm 502	5/26/17 5:03 AM	None Detected
2055-052617-CS-002-B	Flush sample; Back right sink in Food's Room/Rm 502	5/26/17 5:04 AM	None Detected
2055-052617-CS-003-A	Initial Draw sample; Middle right sink in Food's Room/Rm 502	5/26/17 5:05 AM	None Detected
2055-052617-CS-003-B	Flush sample; Middle right sink in Food's Room/Rm 502	5/26/17 5:06 AM	None Detected
2055-052617-CS-004-A	Initial Draw sample; Front right sink in Food's Room/Rm 502	5/26/17 5:07 AM	None Detected
2055-052617-CS-004-B	Flush sample; Front right sink in Food's Room/Rm 502	5/26/17 5:08 AM	None Detected
2055-052617-CS-005-A	Initial Draw sample; Front left sink in Food's Room/Rm 502	5/26/17 5:10 AM	None Detected
2055-052617-CS-005-B	Flush sample; Front left sink in Food's Room/Rm 502	5/26/17 5:11 AM	None Detected
2055-052617-CS-006-A	Initial Draw sample; Middle left sink in Food's Room/Rm 502	5/26/17 5:12 AM	1.75
2055-052617-CS-006-B	Flush sample; Middle left sink in Food's Room/Rm 502	5/26/17 5:13 AM	None Detected
2055-052617-CS-007-A	Initial Draw sample; Back left sink in Food's Room/Rm 502	5/26/17 5:14 AM	None Detected
2055-052617-CS-007-В	Flush sample; Back left sink in Food's Room/Rm 502	5/26/17 5:15 AM	None Detected

Notes:

ppb-parts per billion

Bold-Exceeds 15 ppb--EPA's

Action Level for Lead

^{*} Note--Where "A" and "B" are indicated, AEM collected two samples at each source area location: ("A") initial draw sample; and ("B") after a 30-second flush sample

^{**}The Source Units were inaccessible or not sampled during the initial testing on 12 /20/16. The above summarizes the initial test results.

Druid Hills High School



1798 Haygood Drive, Atlanta, GA 30307

		Samula Data & Tima	Lead Test Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
	Initial Draw sample; Lower Left wall mounted Elkay Drinking Fountain in hallway across		
2055-052617-DF-018-A	from Rm 306	5/26/17 5:40 AM	1.01
	Flush sample; Lower Left wall mounted Elkay Drinking Fountain in hallway across from Rm		
2055-052617-DF-018-B	306	5/26/17 5:41 AM	1.69
	Initial Draw sample; Retest Left wall-mounted Elkay Drinking Fountain in hallway to the		
2055-052617-DF-024-A	left of Rm A109	5/26/17 5:35 AM	3.36
	Flush sample; Retest Left wall-mounted Elkay Drinking Fountain in hallway to the left of		
2055-052617-DF-024-B	Rm A109	5/26/17 5:36 AM	2.39

Notes:

ppb-parts per billion

Bold-Exceeds 15 ppb--EPA's

Action Level for Lead

The source units were replaced and/or a filter was installed by DCSD and retesting was conducted. The above summarizes the retest results.

^{*} Note--Where "A" and "B" are indicated, AEM collected two samples at each source area location: ("A") initial draw sample; and ("B") after a 30-second flush sample

^{**}The source units were initially sampled on 12/20/16 and the initial results indicated that a concentration exceeded the EPA standard of 15 ppb.

January 10, 2017

Via E-Mail: Joshua_I_williams@dekalbschoolsga.org

Mr. Joshua L. Williams, MBA, MSM, PMP Chief Operations Officer DeKalb County School District Operations Division Sam Moss Service Center 1780 Montreal Road Tucker, Georgia 30084

Re: Lead in Drinking Water Sample Results
Druid Hills High School (Facility ID #2055)
1798 Haygood Drive, Atlanta, Georgia 30307
AEM Project No. 1561-1601

Dear Mr. Williams:

Atlanta Environmental Management, Inc. (AEM) is pleased to provide the DeKalb County School District (DCSD) an electronic copy of the Lead in Drinking Water Sample Results for Druid Hills High School (Facility ID #2055). Samples were collected on December 20, 2016, and analytical results were received from Analytical Environmental Services, Inc., on January 9, 2017.

FINDINGS

AEM collected 97 drinking water samples from 49 sources at Druid Hills High School (Facility ID #2055), including two duplicate samples. A description of the drinking water outlets sampled and a summary of sample analytical results are provided in the attached table.

Two of the sources sampled had a drinking water sample result that contained lead at a concentration at or above EPA's action level of 15 parts per billion. These sources are indicated in bold and shaded font in the attached table.

Mr. Joshua Williams—DeKalb County School District January 10, 2017 Page 2

We appreciate your selection of AEM for this project. If you have any questions, please do not hesitate to contact us.

Sincerely,

Atlanta Environmental Management, Inc.

Leona Miles, CHMM Senior Project Manager

Janet T. Hart President

/krf

cc: Daniel Drake (DCSD)

Tracee Hill (DCSD)

Sandra Glenn (DeKalb County Watershed Management)

Ryan Cira (DeKalb Board of Health)

Attachment: Table

Druid Hills High School



1798 Haygood Drive, Atlanta, GA 30307

			Lead Test
			Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
	Initial Draw sample; Single wall mounted Oasis Drinking Fountain in hallway across from		
2055-122016-DF-001-A	Rm 511	12/20/16 5:55 AM	None Detected
2055-122016-DF-001-B	Flush sample; Single wall mounted Oasis Drinking Fountain in hallway across from Rm 511	12/20/16 5:56 AM	None Detected
	Initial Draw sample; Left wall mounted Halsey Taylor Drinking Fountain in hallway across		
2055-122016-DF-002-A	from Rm 502	12/20/16 5:24 AM	None Detected
	Flush sample; Left wall mounted Halsey Taylor Drinking Fountain in hallway across from		
2055-122016-DF-002-B	Rm 502	12/20/16 5:25 AM	None Detected
	Initial Draw sample; Right wall mounted Halsey Taylor Drinking Fountain in hallway across		
2055-122016-DF-003-A	from Rm 502	12/20/16 5:26 AM	1.52
	Flush sample; Right wall mounted Halsey Taylor Drinking Fountain in hallway across from		
2055-122016-DF-003-B	Rm 502	12/20/16 5:27 AM	1.09
	Initial Draw sample; Right wall mounted Halsey Taylor Drinking Fountain in hallway across		
2055-122016-DF-004-A	from Rm C514	12/20/16 5:43 AM	1.76
	Flush sample; Right wall mounted Halsey Taylor Drinking Fountain in hallway across from		
2055-122016-DF-004-B	Rm C514	12/20/16 5:44 AM	1.72
	Initial Draw sample; Left wall mounted Halsey Taylor Drinking Fountain in hallway across		
2055-122016-DF-005-A	from Rm C514	12/20/16 5:45 AM	5.76
	Flush sample; Left wall mounted Halsey Taylor Drinking Fountain in hallway across from		
2055-122016-DF-005-B	Rm C514	12/20/16 5:46 AM	2.64
	Initial Draw sample; Lower Right wall mounted Halsey Taylor Drinking Fountain in hallway		
2055-122016-DF-006-A	to left of Rm C108	12/20/16 5:07 AM	None Detected
	Flush sample; Lower Right wall mounted Halsey Taylor Drinking Fountain in hallway to left	10/00/10 5 00 111	1
2055-122016-DF-006-B	of Rm C108	12/20/16 5:08 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Halsey Taylor Drinking Fountain in hallway	10/00/10 5 05 111	1
2055-122016-DF-007-A	to left of Rm C108	12/20/16 5:05 AM	None Detected
2055 422046 DE 007 2	Flush sample; Upper Left wall mounted Halsey Taylor Drinking Fountain in hallway to left	42/20/46 5:06 444	Name Batant
2055-122016-DF-007-B	of Rm C108	12/20/16 5:06 AM	None Detected
2055-122016-DF-008-A	Initial Draw sample; Wall-mounted Elkay Drinking Fountain in the Cafeteria Flush sample; Wall-mounted Elkay Drinking Fountain in the Cafeteria	12/20/16 5:39 AM	None Detected
2055-122016-DF-008-B	Flush sample; wall-mounted Elkay Drinking Fountain in the Careteria	12/20/16 5:40 AM	None Detected



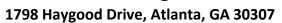


			Lead Test
			Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
	Initial Draw sample; Right wall mounted Halsey Taylor Drinking Fountain in hallway across		
2055-122016-DF-009-A	from Rm 205	12/20/16 5:20 AM	None Detected
	Flush sample; Right wall mounted Halsey Taylor Drinking Fountain in hallway across from		
2055-122016-DF-009-B	Rm 205	12/20/16 5:21 AM	None Detected
	Initial Draw sample; Left wall mounted Halsey Taylor Drinking Fountain in hallway across		
2055-122016-DF-010-A	from Rm 205	12/20/16 5:17 AM	None Detected
	Flush sample; Left wall mounted Halsey Taylor Drinking Fountain in hallway across from		
2055-122016-DF-010-B	Rm 205	12/20/16 5:18 AM	None Detected
	Initial Draw sample; Right wall mounted Halsey Taylor Drinking Fountain in hallway next		
2055-122016-DF-011-A	to Rm A203	12/20/16 5:07 AM	None Detected
	Flush sample; Right wall mounted Halsey Taylor Drinking Fountain in hallway next to Rm		
2055-122016-DF-011-B	A203	12/20/16 5:08 AM	None Detected
	Initial Draw sample; Left wall mounted Halsey Taylor Drinking Fountain in Girls RR next to		
2055-122016-DF-012-A	Rm A203; Running on arrival	12/20/16 5:09 AM	1.18
	Flush sample; Left wall mounted Halsey Taylor Drinking Fountain in Girls RR next to Rm		
2055-122016-DF-012-B	A203; Running on arrival	12/20/16 5:10 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Halsey Taylor Drinking Fountain in hallway		
2055-122016-DF-013-A	to left of Rm C207	12/20/16 6:12 AM	None Detected
	Flush sample; Upper Left wall mounted Halsey Taylor Drinking Fountain in hallway to left		
2055-122016-DF-013-B	of Rm C207	12/20/16 6:13 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Halsey Taylor Drinking Fountain in hallway		
2055-122016-DF-014-A	to left of Rm C207	12/20/16 6:14 AM	None Detected
	Flush sample; Lower Right wall mounted Halsey Taylor Drinking Fountain in hallway to left		
2055-122016-DF-014-B	of Rm C207	12/20/16 6:15 AM	None Detected
	Initial Draw sample; Right wall mounted Halsey Taylor Drinking Fountain in hallway across		
2055-122016-DF-015-A	from Rm 308	12/20/16 5:30 AM	None Detected
	Flush sample; Right wall mounted Halsey Taylor Drinking Fountain in hallway across from		
2055-122016-DF-015-B	Rm 308	12/20/16 5:31 AM	None Detected
	Initial Draw sample; Left wall mounted Halsey Taylor Drinking Fountain in hallway across		
2055-122016-DF-016-A	from Rm 308	12/20/16 5:32 AM	1.67





			Lead Test
			Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
	Flush sample; Left wall mounted Halsey Taylor Drinking Fountain in hallway across from		
2055-122016-DF-016-B	Rm 308	12/20/16 5:33 AM	None Detected
	Initial Draw sample; Right wall mounted Halsey Taylor Drinking Fountain in hallway across		
2055-122016-DF-017-A	from Rm 306	12/20/16 5:38 AM	None Detected
	Flush sample; Right wall mounted Halsey Taylor Drinking Fountain in hallway across from		
2055-122016-DF-017-B	Rm 306	12/20/16 5:39 AM	1.12
	Initial Draw sample; Left wall mounted Halsey Taylor Drinking Fountain in hallway across		
2055-122016-DF-018-A	from Rm 306	12/20/16 5:40 AM	1.45
	Flush sample; Left wall mounted Halsey Taylor Drinking Fountain in hallway across from		
2055-122016-DF-018-B	Rm 306	12/20/16 5:41 AM	61.4
2055-122016-DF-019-A	Initial Draw sample; Left wall mounted Fountain in hallway to right of Rm 404	12/20/16 6:06 AM	None Detected
2055-122016-DF-019-B	Flush sample; Left wall mounted Fountain in hallway to right of Rm 404	12/20/16 6:07 AM	None Detected
2055-122016-DF-020-A	Initial Draw sample; Right wall mounted Fountain in hallway to right of Rm 404	12/20/16 6:08 AM	None Detected
2055-122016-DF-020-B	Flush sample; Right wall mounted Fountain in hallway to right of Rm 404	12/20/16 6:09 AM	None Detected
2055-122016-DF-021-A	Initial Draw sample; Right wall mounted Drinking Fountain in hallway by Rm A111	12/20/16 5:23 AM	None Detected
2055-122016-DF-021-B	Flush sample; Right wall mounted Drinking Fountain in hallway by Rm A111	12/20/16 5:24 AM	None Detected
2055 422046 D5 022 4		42/20/46 6 24 444	
2055-122016-DF-022-A	Initial Draw sample; Left wall mounted Drinking Fountain in hallway by Rm A111	12/20/16 6:21 AM	None Detected
2055-122016-DF-022-B	Flush sample; Left wall mounted Drinking Fountain in hallway by Rm A111	12/20/16 6:22 AM	None Detected
	Initial Draw sample; Right wall-mounted Halsey Taylor Drinking Fountain in hallway to the	10/00/1000	
2055-122016-DF-023-A	left of Rm A109	12/20/16 6:28 AM	None Detected
	Flush sample; Right wall-mounted Halsey Taylor Drinking Fountain in hallway to the left of	10/00/1000	
2055-122016-DF-023-B	Rm A109	12/20/16 6:29 AM	None Detected
2055 422246 D5 02 : :	Initial Draw sample; Left wall-mounted Halsey Taylor Drinking Fountain in hallway to the	42/20/46 6 26 27	
2055-122016-DF-024-A	left of Rm A109	12/20/16 6:26 AM	37.3
2055 422246 D5 02 5	Flush sample; Left wall-mounted Halsey Taylor Drinking Fountain in hallway to the left of	42/20/46 6 27	42.0
2055-122016-DF-024-B	Rm A109	12/20/16 6:27 AM	42.8
2055-122016-DF-025-A	Initial Draw sample; Single wall mounted Elkay Drinking Fountain in Gym Lobby	12/20/16 6:39 AM	None Detected
2055-122016-DF-025-B	Flush sample; Single wall mounted Elkay Drinking Fountain in Gym Lobby	12/20/16 6:40 AM	None Detected





			Lead Test
			Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
	Initial Draw sample; Single wall mounted Halsey Taylor Drinking Fountain beside ROTC		
2055-122016-DF-026-A	supply room	12/20/16 6:23 AM	None Detected
	Flush sample; Single wall mounted Halsey Taylor Drinking Fountain beside ROTC supply		
2055-122016-DF-026-B	room	12/20/16 6:24 AM	None Detected
	Initial Draw sample; Left pair; Upper Left wall mounted Halsey Taylor Drinking Fountain in		
2055-122016-DF-027-A	Girls Locker Rm	12/20/16 5:18 AM	None Detected
	Flush sample; Left pair; Upper Left wall mounted Halsey Taylor Drinking Fountain in Girls		
2055-122016-DF-027-B	Locker Rm	12/20/16 5:19 AM	None Detected
	Initial Draw sample; Left pair; Lower Right wall mounted Halsey Taylor Drinking Fountain		
2055-122016-DF-028-A	in Girls Locker Rm	12/20/16 5:20 AM	None Detected
	Flush sample; Left pair; Lower Right wall mounted Halsey Taylor Drinking Fountain in Girls		
2055-122016-DF-028-B	Locker Rm	12/20/16 5:21 AM	None Detected
	Initial Draw sample; Right pair; Upper Left wall mounted Halsey Taylor Drinking Fountain		
2055-122016-DF-029-A	in Girls Locker Rm	12/20/16 5:22 AM	None Detected
	Flush sample; Right pair; Upper Left wall mounted Halsey Taylor Drinking Fountain in Girls		
2055-122016-DF-029-B	Locker Rm	12/20/16 5:23 AM	None Detected
	Initial Draw sample; Right pair; Lower Right wall mounted Halsey Taylor Drinking Fountain		
2055-122016-DF-030-A	in Girls Locker Rm	12/20/16 5:24 AM	None Detected
	Flush sample; Right pair; Lower Right wall mounted Halsey Taylor Drinking Fountain in		
2055-122016-DF-030-B	Girls Locker Rm	12/20/16 5:25 AM	None Detected
2055-122016-DF-031-A	Initial Draw sample; Single wall mounted Drinking Fountain in Boys Locker Rm	12/20/16 5:48 AM	None Detected
2055-122016-DF-031-B	Flush sample; Single wall mounted Drinking Fountain in Boys Locker Rm	12/20/16 5:49 AM	1.01
	Initial Draw sample; Upper Right wall mounted Halsey Taylor Drinking Fountain in hallway		
2055-122016-DF-032-A	next to Athletic Equipment Rm	12/20/16 5:32 AM	None Detected
	Flush sample; Upper Right wall mounted Halsey Taylor Drinking Fountain in hallway next		
2055-122016-DF-032-B	to Athletic Equipment Rm	12/20/16 5:33 AM	None Detected
	Initial Draw sample; Lower Left wall mounted Halsey Taylor Drinking Fountain in hallway		
2055-122016-DF-033-A	next to Athletic Equipment Rm	12/20/16 5:30 AM	None Detected
	Flush sample; Lower Left wall mounted Halsey Taylor Drinking Fountain in hallway next to		
2055-122016-DF-033-B	Athletic Equipment Rm	12/20/16 5:31 AM	None Detected





			Lead Test
			Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
2055-122016-RS-001-A	Initial Draw sample; Sampled sink in Girls RR across from 511; Sampled sink on right	12/20/16 5:58 AM	1.99
2055-122016-RS-001-B	Flush sample; Sampled sink in Girls RR across from 511; Sampled sink on right	12/20/16 6:00 AM	1.19
2055-122016-RS-002-A	Initial Draw sample; Sampled left most sink in Girls RR next to Rm A303	12/20/16 5:56 AM	4.29
2055-122016-RS-002-B	Flush sample; Sampled left most sink in Girls RR next to Rm A303	12/20/16 5:57 AM	None Detected
2055-122016-RS-003-A	Initial Draw sample; Sampled only sink in Boys RR to right of Rm 404	12/20/16 6:17 AM	None Detected
2055-122016-RS-003-B	Flush sample; Sampled only sink in Boys RR to right of Rm 404	12/20/16 6:18 AM	None Detected
2055-122016-RS-004-A	Initial Draw sample; Sampled right most sink in Rm 109.1	12/20/16 6:20 AM	3.10
2055-122016-RS-004-B	Flush sample; Sampled right most sink in Rm 109.1	12/20/16 6:21 AM	None Detected
2055-122016-RS-005-A	Initial Draw sample; Sampled only sink ROTC RR	12/20/16 6:25 AM	None Detected
2055-122016-RS-005-B	Flush sample; Sampled only sink ROTC RR	12/20/16 6:26 AM	None Detected
2055-122016-RS-006-A	Initial Draw sample; Sampled Left most sink in Boys Locker Rm RR	12/20/16 5:51 AM	None Detected
2055-122016-RS-006-B	Flush sample; Sampled Left most sink in Boys Locker Rm RR	12/20/16 5:52 AM	None Detected
2055-122016-RS-007-A	Initial Draw sample; Sampled Left most sink in Girls Gym RR	12/20/16 6:35 AM	None Detected
2055-122016-RS-007-B	Flush sample; Sampled Left most sink in Girls Gym RR	12/20/16 6:36 AM	None Detected
2055-122016-RS-008-A	Initial Draw sample; Sampled Right most sink in Girls RR next to A202	12/20/16 5:03 AM	None Detected
2055-122016-RS-008-B	Flush sample; Sampled Right most sink in Girls RR next to A202	12/20/16 5:04 AM	None Detected
2055-122016-TL-002-A	Initial Draw sample; Sampled sink next to copier in Rm 308.2	12/20/16 5:58 AM	6.06
2055-122016-TL-002-B	Flush sample; Sampled sink next to copier in Rm 308.2	12/20/16 5:59 AM	None Detected
2055-122016-TL-003-A	Initial Draw sample; Sampled only sink in Assistant Principal's office	12/20/16 6:16 AM	2.93
2055-122016-TL-003-B	Flush sample; Sampled only sink in Assistant Principal's office	12/20/16 6:17 AM	None Detected
	Initial Draw sample; Sampled sink in Teachers Lounge across from washer and dryer in		
2055-122016-TL-005-A	Healthcare Lab	12/20/16 5:06 AM	5.34
	Flush sample; Sampled sink in Teachers Lounge across from washer and dryer in		
2055-122016-TL-005-B	Healthcare Lab	12/20/16 5:07 AM	None Detected
2055-122016-OT-001-A	Initial Draw sample; Sampled sink in Training Rm near Athletic Equipment Rm	12/20/16 5:35 AM	None Detected
2055-122016-OT-001-B	Flush sample; Sampled sink in Training Rm near Athletic Equipment Rm	12/20/16 5:36 AM	1.47
2055-122016-CS-001-A	Initial Draw sample; Food Prep sink in Kitchen; Dripping on arrival	12/20/16 5:33 AM	None Detected
2055-122016-CS-001-B	Flush sample; Food Prep sink in Kitchen; Dripping on arrival	12/20/16 5:34 AM	None Detected

Druid Hills High School



1798 Haygood Drive, Atlanta, GA 30307

Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
2055-122016-IM-001-A	Scotsman Ice Machine in Kitchen	12/20/16 5:35 AM	None Detected
2055-122016-IM-002-A	Ice-O-Matic Ice Machine in Rm across from Rm 0110	12/20/16 5:38 AM	None Detected
2055-122016-SC-001-A	Service Connection Entry into Building	12/20/16 5:54 AM	5.19

Notes:

ppb-parts per billion

Bold-Exceeds 15 ppb--EPA's

Action Level for Lead

^{*} Note--Where "A" and "B" are indicated, AEM collected two samples at each source area location: ("A") initial draw sample; and ("B") after a 30-second flush sample

January 17, 2018

Via E-Mail: Joshua_l_williams@dekalbschoolsga.org

Mr. Joshua L. Williams, MBA, MSM, PMP Chief Operations Officer DeKalb County School District Operations Division Sam Moss Service Center 1780 Montreal Road Tucker, Georgia 30084

Re: Lead in Drinking Water Sampling Report
Druid Hills High School (Facility ID #2055)
1798 Haygood Drive, Atlanta, Georgia 30307
AEM Project No. 1561-1601

Dear Mr. Williams:

Atlanta Environmental Management, Inc. (AEM) is pleased to provide the DeKalb County School District (DCSD) an electronic copy of the Final Technical Lead in Drinking Water Sampling Report for Druid Hills High School (Facility ID #2055).

Initial sampling was conducted on December 20, 2016, and analytical results were received from Analytical Environmental Services, Inc. (AES) on January 9, 2017. Additional drinking water samples from select source units were collected on May 26, 2017, October 3, 2017, and November 9, 2017. Analytical results were received from AES on June 12, 2017, October 16, 2017, and November 17, 2017.

FINDINGS

Initial Testing

AEM collected 97 drinking water samples from 49 sources at Druid Hills High School (Facility ID #2055), including 2 duplicate samples (see Figure 1). Samples were collected in accordance with the Water Sampling Methodology Protocol for DeKalb County School District, dated September 12, 2016. A copy of AEM's Field Sampling Notes is provided in Attachment A.

A description of the drinking water outlets sampled and a summary of sample analytical results are provided in Table 1. Two of the sources sampled had a drinking water sample result that contained lead at a concentration at or above EPA's action level of 15 parts per billion (ppb). These sources are indicated in bold and shaded font in the attached table. A copy of the AES laboratory analytical report is provided in Attachment B.

Initial Sample Results of Previously Identified Source Units Not Sampled

During the initial sampling event on December 20, 2016, six source units (CS-002 through CS-007) were not initially identified as a drinking water source per the Sampling Protocol. Out of an abundance of caution, the Sampling Protocol was revised, and it was determined that these source units should be sampled. Thus, on May 26, 2017, AEM collected 12 drinking water samples from these source units. A description of the drinking water outlets sampled and a summary of sample analytical results are provided in Table 1.

Mr. Joshua Williams—DeKalb County School District January 17, 2018 Page 2

The samples collected did not have a result at a concentration at or above EPA's action level of 15 ppb.

Initial Sample Results of Previously Identified Inaccessible Source Units

During the initial sampling event on December 20, 2016, two source units (TL-001 and TL-004) were not accessible and could not be sampled. On May 26, 2017, AEM collected four drinking water samples from these source units. A description of the drinking water outlets sampled and a summary of sample analytical results are provided in Table 1.

The samples collected from TL-001 did not have a result at a concentration at or above EPA's action level of 15 ppb. One or more of the samples collected from TL-004 contained lead at a concentration at or above EPA's action level of 15 ppb. Source unit TL-004 remained out of service so that additional remediation measures could be evaluated.

DCSD replaced the faucet on TL-004 and AEM collected two samples on October 3, 2017. One or more of the samples collected from TL-004 contained lead at a concentration at or above EPA's action level of 15 ppb. Source unit TL-004 remained out of service so that additional remediation measures could be evaluated.

DCSD installed a filter on the faucet associated with TL-004 and AEM collected two samples on November 9, 2017. None of the samples collected from source unit TL-004 contained a lead concentration exceeding EPA's action level of 15 ppb.

Sample Results of Previously Identified Source Units That Exceeded 15 ppb

During the initial sampling event on December 20, 2016, two source units (DF-018 and DF-024) were sampled and the analytical results indicated that the results were above EPA's action level of 15 ppb. DCSD replaced the source units and AEM collected four drinking water samples on May 26, 2017.

None of the samples collected from the source units contained lead at a concentration exceeding EPA's action level of 15 ppb. A description of the drinking water outlets sampled and a summary of sample analytical results are provided in Table 1.

We appreciate your selection of AEM for this project. If you have any questions, please do not hesitate to contact us.

Sincerely,

Atlanta Environmental Management, Inc.

Leona Miles, CHMM
Senior Project Manager

Author Hutt

Janet 7. Hart President

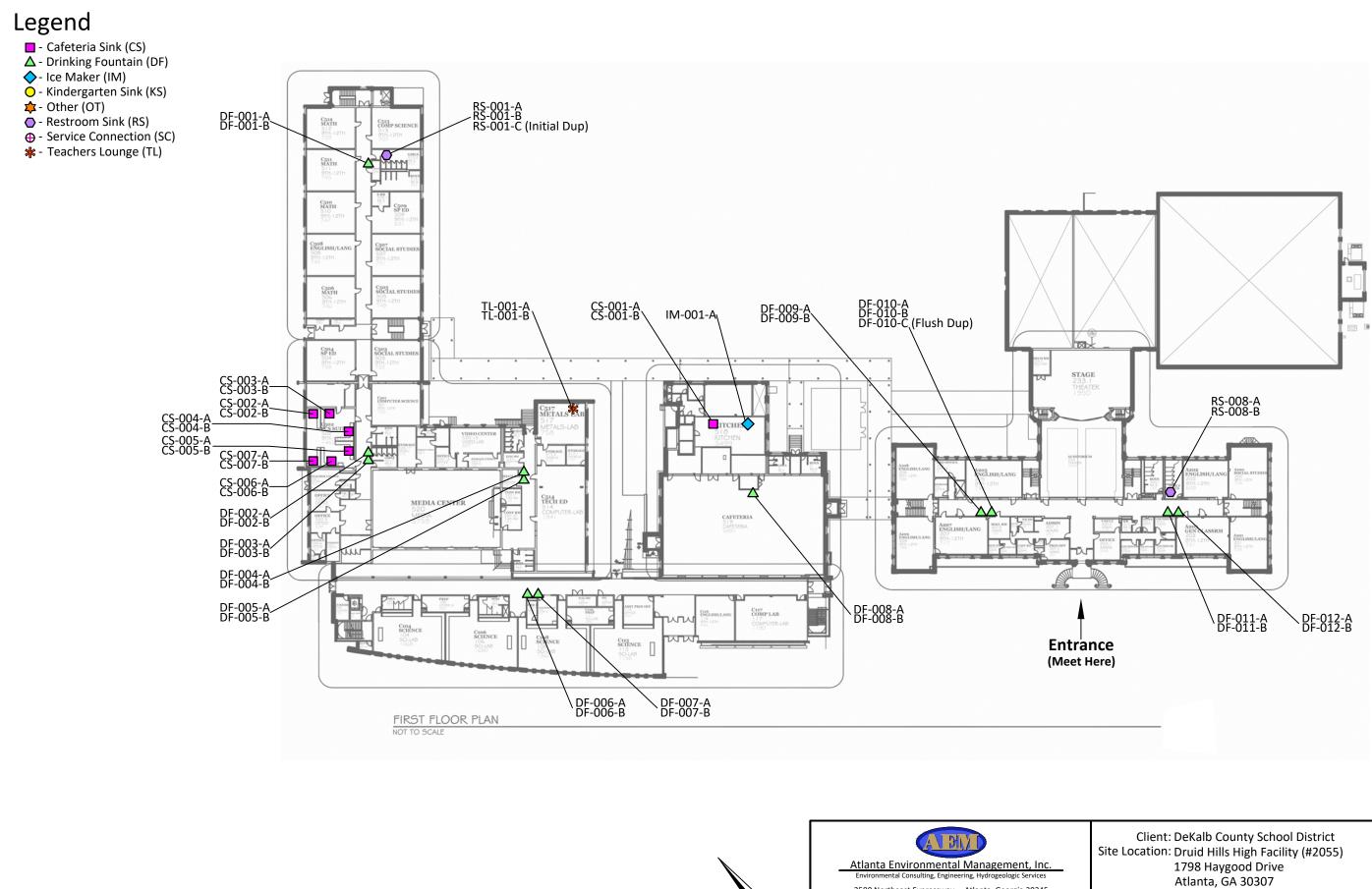
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cc: Daniel Drake (DCSD)
Tracee Hill (DCSD)



FIGURE







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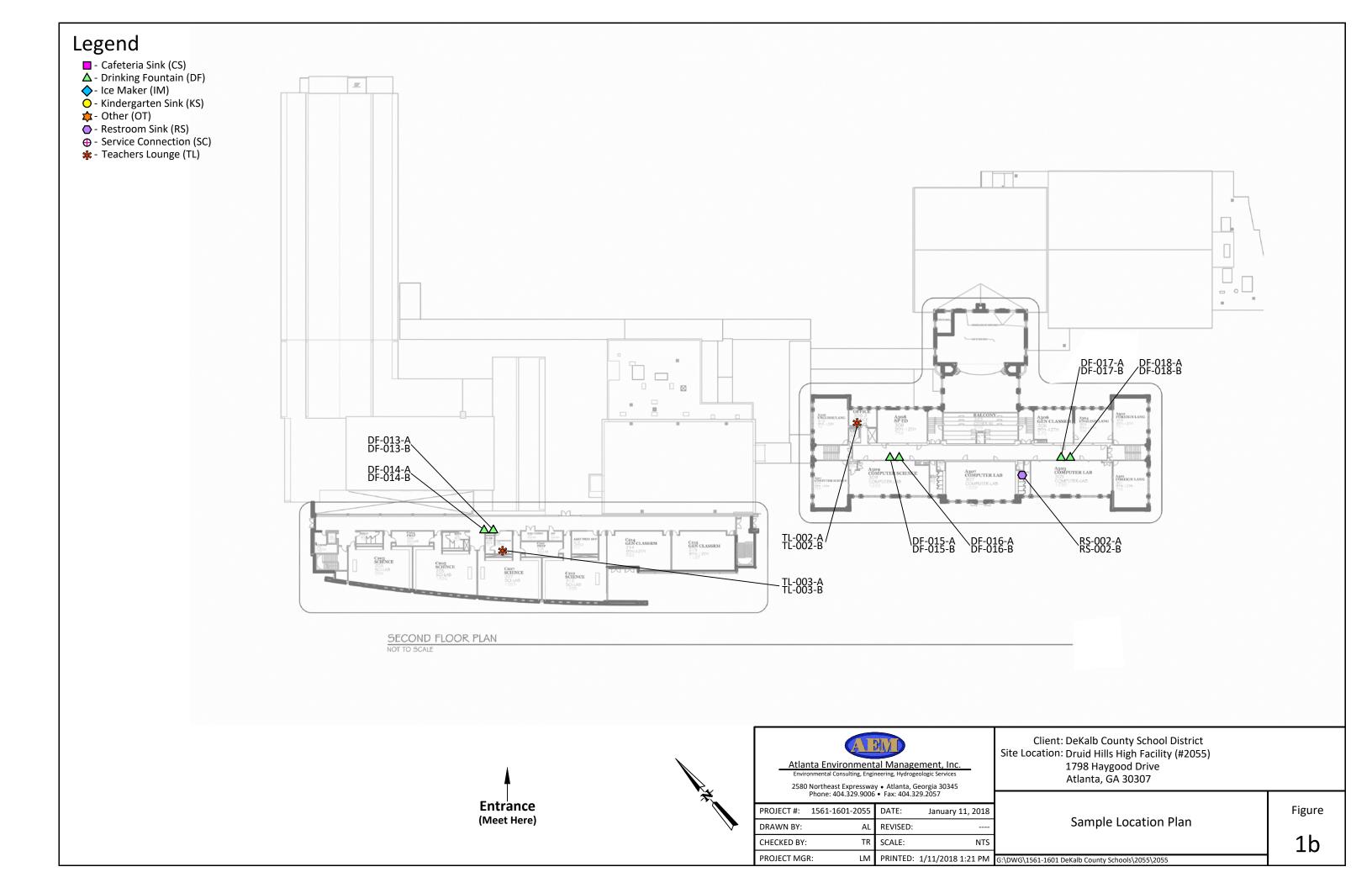
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Sample Location Plan

Figure

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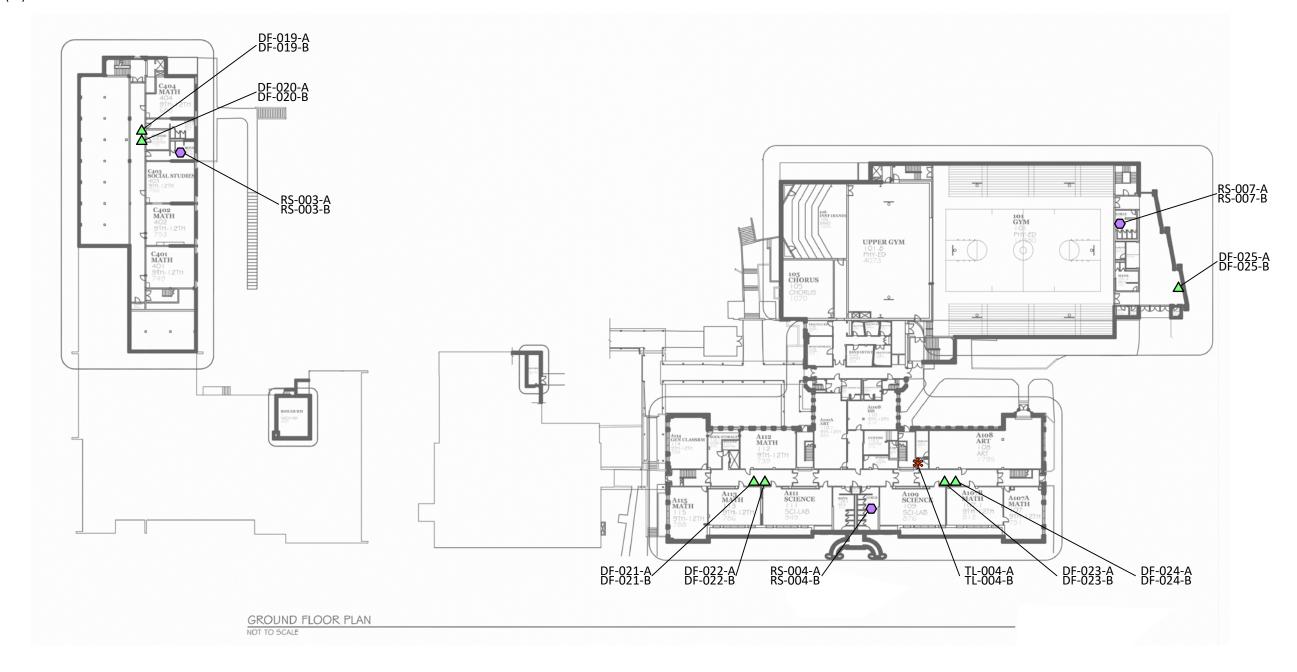
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Legend

- ☐ Cafeteria Sink (CS) △ Drinking Fountain (DF)
- Ice Maker (IM)

- Restroom Sink (RS)
- ⊕ Service Connection (SC)★ Teachers Lounge (TL)







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Client: DeKalb County School District Site Location: Druid Hills High Facility (#2055) 1798 Haygood Drive Atlanta, GA 30307

Sample Location Plan

Figure

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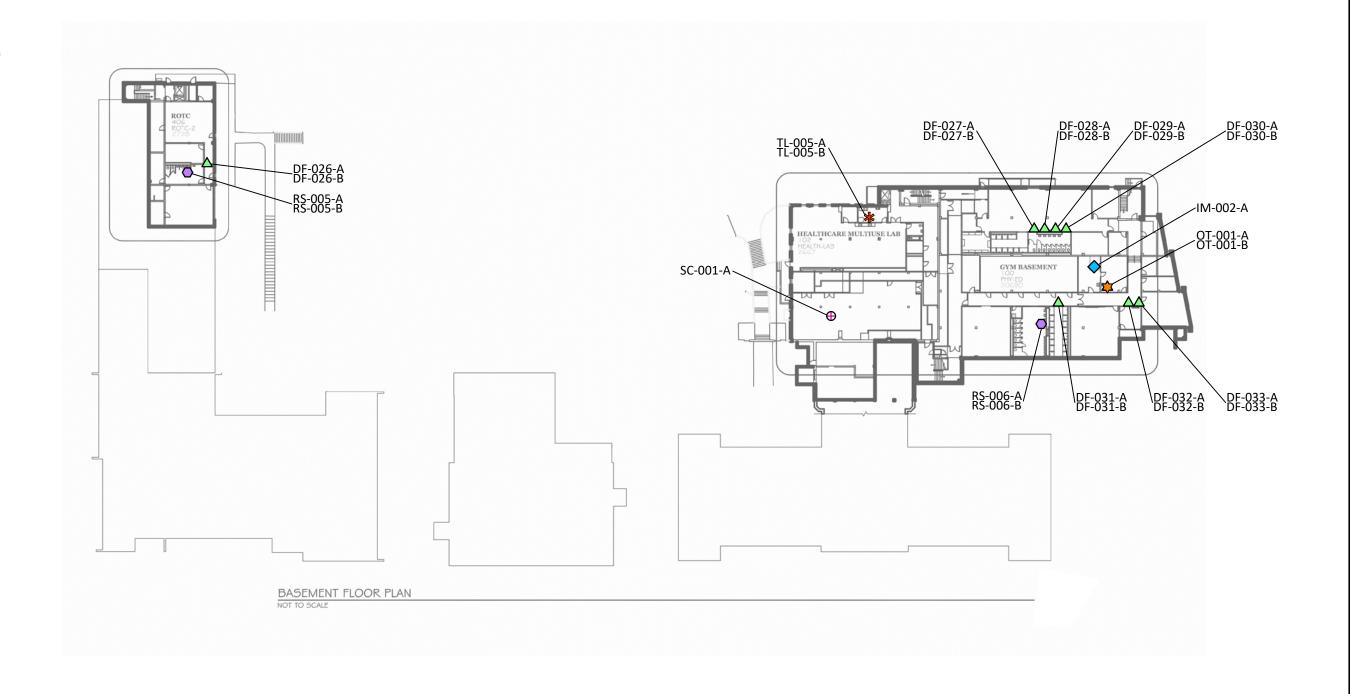
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Legend

- □ Cafeteria Sink (CS)△ Drinking Fountain (DF)
- ♦- Ice Maker (IM)

- Restroom Sink (RS)
- ⊕ Service Connection (SC)

 ★ Teachers Lounge (TL)







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PROJECT #:	1561-1601-2055	DATE:	January 11, 2018	
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Client: DeKalb County School District Site Location: Druid Hills High Facility (#2055)

1798 Haygood Drive Atlanta, GA 30307

Sample Location Plan

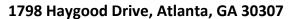
Figure

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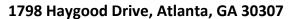
TABLE







			Lead Test Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
2055 422046 D5 004 4	Initial Draw sample; Single wall mounted Oasis Drinking Fountain in hallway across from	42/20/46 5 55 484	
2055-122016-DF-001-A	Rm 511	12/20/16 5:55 AM	None Detected
2055-122016-DF-001-B	Flush sample; Single wall mounted Oasis Drinking Fountain in hallway across from Rm 511	12/20/16 5:56 AM	None Detected
	Initial Draw sample; Left wall mounted Halsey Taylor Drinking Fountain in hallway across		
2055-122016-DF-002-A	from Rm 502	12/20/16 5:24 AM	None Detected
	Flush sample; Left wall mounted Halsey Taylor Drinking Fountain in hallway across from		
2055-122016-DF-002-B	Rm 502	12/20/16 5:25 AM	None Detected
	Initial Draw sample; Right wall mounted Halsey Taylor Drinking Fountain in hallway across		
2055-122016-DF-003-A	from Rm 502	12/20/16 5:26 AM	1.52
	Flush sample; Right wall mounted Halsey Taylor Drinking Fountain in hallway across from		
2055-122016-DF-003-B	Rm 502	12/20/16 5:27 AM	1.09
	Initial Draw sample; Right wall mounted Halsey Taylor Drinking Fountain in hallway across		
2055-122016-DF-004-A	from Rm C514	12/20/16 5:43 AM	1.76
	Flush sample; Right wall mounted Halsey Taylor Drinking Fountain in hallway across from		
2055-122016-DF-004-B	Rm C514	12/20/16 5:44 AM	1.72
	Initial Draw sample; Left wall mounted Halsey Taylor Drinking Fountain in hallway across		
2055-122016-DF-005-A	from Rm C514	12/20/16 5:45 AM	5.76
	Flush sample; Left wall mounted Halsey Taylor Drinking Fountain in hallway across from		
2055-122016-DF-005-B	Rm C514	12/20/16 5:46 AM	2.64
	Initial Draw sample; Lower Right wall mounted Halsey Taylor Drinking Fountain in hallway		
2055-122016-DF-006-A	to left of Rm C108	12/20/16 5:07 AM	None Detected
	Flush sample; Lower Right wall mounted Halsey Taylor Drinking Fountain in hallway to left		
2055-122016-DF-006-B	of Rm C108	12/20/16 5:08 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Halsey Taylor Drinking Fountain in hallway		
2055-122016-DF-007-A	to left of Rm C108	12/20/16 5:05 AM	None Detected
0055 400046 05 005 5	Flush sample; Upper Left wall mounted Halsey Taylor Drinking Fountain in hallway to left	10/00/165 06 :::	1
2055-122016-DF-007-B	of Rm C108	12/20/16 5:06 AM	None Detected
2055-122016-DF-008-A	Initial Draw sample; Wall-mounted Elkay Drinking Fountain in the Cafeteria	12/20/16 5:39 AM	None Detected
2055-122016-DF-008-B	Flush sample; Wall-mounted Elkay Drinking Fountain in the Cafeteria	12/20/16 5:40 AM	None Detected



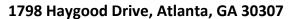


			Lead Test
			Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
	Initial Draw sample; Right wall mounted Halsey Taylor Drinking Fountain in hallway across		
2055-122016-DF-009-A	from Rm 205	12/20/16 5:20 AM	None Detected
	Flush sample; Right wall mounted Halsey Taylor Drinking Fountain in hallway across from		
2055-122016-DF-009-B	Rm 205	12/20/16 5:21 AM	None Detected
	Initial Draw sample; Left wall mounted Halsey Taylor Drinking Fountain in hallway across		
2055-122016-DF-010-A	from Rm 205	12/20/16 5:17 AM	None Detected
	Flush sample; Left wall mounted Halsey Taylor Drinking Fountain in hallway across from		
2055-122016-DF-010-B	Rm 205	12/20/16 5:18 AM	None Detected
	Flush Duplicate sample; Left wall mounted Halsey Taylor Drinking Fountain in hallway		
2055-122016-DF-010-C	across from Rm 205	12/20/16 5:19 AM	None Detected
	Initial Draw sample; Right wall mounted Halsey Taylor Drinking Fountain in hallway next		
2055-122016-DF-011-A	to Rm A203	12/20/16 5:07 AM	None Detected
	Flush sample; Right wall mounted Halsey Taylor Drinking Fountain in hallway next to Rm		
2055-122016-DF-011-B	A203	12/20/16 5:08 AM	None Detected
	Initial Draw sample; Left wall mounted Halsey Taylor Drinking Fountain in Girls RR next to		
2055-122016-DF-012-A	Rm A203; Running on arrival	12/20/16 5:09 AM	1.18
	Flush sample; Left wall mounted Halsey Taylor Drinking Fountain in Girls RR next to Rm		
2055-122016-DF-012-B	A203; Running on arrival	12/20/16 5:10 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Halsey Taylor Drinking Fountain in hallway		
2055-122016-DF-013-A	to left of Rm C207	12/20/16 6:12 AM	None Detected
	Flush sample; Upper Left wall mounted Halsey Taylor Drinking Fountain in hallway to left		
2055-122016-DF-013-B	of Rm C207	12/20/16 6:13 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Halsey Taylor Drinking Fountain in hallway		
2055-122016-DF-014-A	to left of Rm C207	12/20/16 6:14 AM	None Detected
	Flush sample; Lower Right wall mounted Halsey Taylor Drinking Fountain in hallway to left		
2055-122016-DF-014-B	of Rm C207	12/20/16 6:15 AM	None Detected
	Initial Draw sample; Right wall mounted Halsey Taylor Drinking Fountain in hallway across		
2055-122016-DF-015-A	from Rm 308	12/20/16 5:30 AM	None Detected
	Flush sample; Right wall mounted Halsey Taylor Drinking Fountain in hallway across from		
2055-122016-DF-015-B	Rm 308	12/20/16 5:31 AM	None Detected





Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
Sample ID*	Initial Draw sample; Left wall mounted Halsey Taylor Drinking Fountain in hallway across	Sample Date & Time	(ppb)
2055-122016-DF-016-A	from Rm 308	12/20/16 5:32 AM	1.67
	Flush sample; Left wall mounted Halsey Taylor Drinking Fountain in hallway across from		
2055-122016-DF-016-B	Rm 308	12/20/16 5:33 AM	None Detected
	Initial Draw sample; Right wall mounted Halsey Taylor Drinking Fountain in hallway across		
2055-122016-DF-017-A	from Rm 306	12/20/16 5:38 AM	None Detected
	Flush sample; Right wall mounted Halsey Taylor Drinking Fountain in hallway across from		
2055-122016-DF-017-B	Rm 306	12/20/16 5:39 AM	1.12
	Initial Draw sample; Left wall mounted Halsey Taylor Drinking Fountain in hallway across		
2055-122016-DF-018-A	from Rm 306	12/20/16 5:40 AM	1.45
	Flush sample; Left wall mounted Halsey Taylor Drinking Fountain in hallway across from		
2055-122016-DF-018-B	Rm 306	12/20/16 5:41 AM	61.4
	Initial Draw sample; Lower Left wall mounted Elkay Drinking Fountain in hallway across		
2055-052617-DF-018-A	from Rm 306	5/26/17 5:40 AM	1.01
	Flush sample; Lower Left wall mounted Elkay Drinking Fountain in hallway across from Rm		
2055-052617-DF-018-B	306	5/26/17 5:41 AM	1.69
2055-122016-DF-019-A	Initial Draw sample; Left wall mounted Fountain in hallway to right of Rm 404	12/20/16 6:06 AM	None Detected
2055-122016-DF-019-B	Flush sample; Left wall mounted Fountain in hallway to right of Rm 404	12/20/16 6:07 AM	None Detected
2055-122016-DF-020-A	Initial Draw sample; Right wall mounted Fountain in hallway to right of Rm 404	12/20/16 6:08 AM	None Detected
2055-122016-DF-020-B	Flush sample; Right wall mounted Fountain in hallway to right of Rm 404	12/20/16 6:09 AM	None Detected
2055-122016-DF-021-A	Initial Draw sample; Right wall mounted Drinking Fountain in hallway by Rm A111	12/20/16 5:23 AM	None Detected
2055-122016-DF-021-B	Flush sample; Right wall mounted Drinking Fountain in hallway by Rm A111	12/20/16 5:24 AM	None Detected
20FF 122016 DF 022 A	Initial Draw complet Left well mounted Drinking Fountain in hellway by Pro A111	12/20/16 6:21 ANA	None Detected
2055-122016-DF-022-A	Initial Draw sample; Left wall mounted Drinking Fountain in hallway by Rm A111	12/20/16 6:21 AM	
2055-122016-DF-022-B	Flush sample; Left wall mounted Drinking Fountain in hallway by Rm A111	12/20/16 6:22 AM	None Detected
2055 122016 DE 022 A	Initial Draw sample; Right wall-mounted Halsey Taylor Drinking Fountain in hallway to the left of Rm A109	12/20/16 6:29 444	None Detected
2055-122016-DF-023-A	Flush sample; Right wall-mounted Halsey Taylor Drinking Fountain in hallway to the left of	12/20/16 6:28 AM	None Detected
2055-122016-DF-023-B	Rm A109	12/20/16 6:29 AM	None Detected



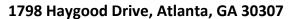


			Lead Test
			Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
	Initial Draw sample; Left wall-mounted Elkay Drinking Fountain in hallway to the left of		
2055-122016-DF-024-A	Rm A109	12/20/16 6:26 AM	37.3
2055-122016-DF-024-B	Flush sample; Left wall-mounted Elkay Drinking Fountain in hallway to the left of Rm A109	12/20/16 6:27 AM	42.8
	Initial Draw sample; Retest Left wall-mounted Elkay Drinking Fountain in hallway to the		
2055-052617-DF-024-A	left of Rm A109	5/26/17 5:35 AM	3.36
	Flush sample; Retest Left wall-mounted Elkay Drinking Fountain in hallway to the left of		
2055-052617-DF-024-B	Rm A109	5/26/17 5:36 AM	2.39
2055-122016-DF-025-A	Initial Draw sample; Single wall mounted Elkay Drinking Fountain in Gym Lobby	12/20/16 6:39 AM	None Detected
2055-122016-DF-025-B	Flush sample; Single wall mounted Elkay Drinking Fountain in Gym Lobby	12/20/16 6:40 AM	None Detected
	Initial Draw sample; Single wall mounted Halsey Taylor Drinking Fountain beside ROTC		
2055-122016-DF-026-A	supply room	12/20/16 6:23 AM	None Detected
	Flush sample; Single wall mounted Halsey Taylor Drinking Fountain beside ROTC supply		
2055-122016-DF-026-B	room	12/20/16 6:24 AM	None Detected
	Initial Draw sample; Left pair; Upper Left wall mounted Halsey Taylor Drinking Fountain in		
2055-122016-DF-027-A	Girls Locker Rm	12/20/16 5:18 AM	None Detected
	Flush sample; Left pair; Upper Left wall mounted Halsey Taylor Drinking Fountain in Girls		
2055-122016-DF-027-B	Locker Rm	12/20/16 5:19 AM	None Detected
	Initial Draw sample; Left pair; Lower Right wall mounted Halsey Taylor Drinking Fountain		
2055-122016-DF-028-A	in Girls Locker Rm	12/20/16 5:20 AM	None Detected
	Flush sample; Left pair; Lower Right wall mounted Halsey Taylor Drinking Fountain in Girls		
2055-122016-DF-028-B	Locker Rm	12/20/16 5:21 AM	None Detected
	Initial Draw sample; Right pair; Upper Left wall mounted Halsey Taylor Drinking Fountain		
2055-122016-DF-029-A	in Girls Locker Rm	12/20/16 5:22 AM	None Detected
	Flush sample; Right pair; Upper Left wall mounted Halsey Taylor Drinking Fountain in Girls		
2055-122016-DF-029-B	Locker Rm	12/20/16 5:23 AM	None Detected
	Initial Draw sample; Right pair; Lower Right wall mounted Halsey Taylor Drinking Fountain		
2055-122016-DF-030-A	in Girls Locker Rm	12/20/16 5:24 AM	None Detected
	Flush sample; Right pair; Lower Right wall mounted Halsey Taylor Drinking Fountain in		
2055-122016-DF-030-B	Girls Locker Rm	12/20/16 5:25 AM	None Detected





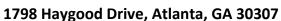
			Lead Test
Commis ID*	Compile Legation Description	Sample Date 9 Time	Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
2055-122016-DF-031-A	Initial Draw sample; Single wall mounted Drinking Fountain in Boys Locker Rm	12/20/16 5:48 AM	None Detected
2055-122016-DF-031-B	Flush sample; Single wall mounted Drinking Fountain in Boys Locker Rm	12/20/16 5:49 AM	1.01
	Initial Draw sample; Upper Right wall mounted Halsey Taylor Drinking Fountain in hallway		
2055-122016-DF-032-A	next to Athletic Equipment Rm	12/20/16 5:32 AM	None Detected
	Flush sample; Upper Right wall mounted Halsey Taylor Drinking Fountain in hallway next		
2055-122016-DF-032-B	to Athletic Equipment Rm	12/20/16 5:33 AM	None Detected
	Initial Draw sample; Lower Left wall mounted Halsey Taylor Drinking Fountain in hallway		
2055-122016-DF-033-A	next to Athletic Equipment Rm	12/20/16 5:30 AM	None Detected
	Flush sample; Lower Left wall mounted Halsey Taylor Drinking Fountain in hallway next to		
2055-122016-DF-033-B	Athletic Equipment Rm	12/20/16 5:31 AM	None Detected
2055-122016-RS-001-A	Initial Draw sample; Sampled sink in Girls RR across from 511; Sampled sink on right	12/20/16 5:58 AM	1.99
2055-122016-RS-001-B	Flush sample; Sampled sink in Girls RR across from 511; Sampled sink on right	12/20/16 6:00 AM	1.19
	Initial Draw Duplicate sample; Sampled sink in Girls RR across from 511; Sampled sink on		
2055-122016-RS-001-C	right	12/20/16 5:59 AM	2.00
2055-122016-RS-002-A	Initial Draw sample; Sampled left most sink in Girls RR next to Rm A303	12/20/16 5:56 AM	4.29
2055-122016-RS-002-B	Flush sample; Sampled left most sink in Girls RR next to Rm A303	12/20/16 5:57 AM	None Detected
2055-122016-RS-003-A	Initial Draw sample; Sampled only sink in Boys RR to right of Rm 404	12/20/16 6:17 AM	None Detected
2055-122016-RS-003-B	Flush sample; Sampled only sink in Boys RR to right of Rm 404	12/20/16 6:18 AM	None Detected
2055-122016-RS-004-A	Initial Draw sample; Sampled right most sink in Rm 109.1	12/20/16 6:20 AM	3.10
2055-122016-RS-004-B	Flush sample; Sampled right most sink in Rm 109.1	12/20/16 6:21 AM	None Detected
2055-122016-RS-005-A	Initial Draw sample; Sampled only sink ROTC RR	12/20/16 6:25 AM	None Detected
2055-122016-RS-005-B	Flush sample; Sampled only sink ROTC RR	12/20/16 6:26 AM	None Detected
2055-122016-RS-006-A	Initial Draw sample; Sampled Left most sink in Boys Locker Rm RR	12/20/16 5:51 AM	None Detected
2055-122016-RS-006-B	Flush sample; Sampled Left most sink in Boys Locker Rm RR	12/20/16 5:52 AM	None Detected
2055-122016-RS-007-A	Initial Draw sample; Sampled Left most sink in Girls Gym RR	12/20/16 6:35 AM	None Detected
2055-122016-RS-007-В	Flush sample; Sampled Left most sink in Girls Gym RR	12/20/16 6:36 AM	None Detected
2055-122016-RS-008-A	Initial Draw sample; Sampled Right most sink in Girls RR next to A202	12/20/16 5:03 AM	None Detected
2055-122016-RS-008-B	Flush sample; Sampled Right most sink in Girls RR next to A202	12/20/16 5:04 AM	None Detected
2055-122016-TL-001-A	Not Sampled; No Access to Room C517	NS	NS





			Lead Test
			Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
2055-122016-TL-001-B	Not Sampled; No Access to Room C517	NS	NS
2055-052617-TL-001-A	Initial Draw sample; Handwash sink in the Hardware Lab/Rm C517	5/26/17 5:17 AM	3.26
2055-052617-TL-001-B	Flush sample; Handwash sink in the Hardware Lab/Rm C517	5/26/17 6:58 AM	1.25
2055-122016-TL-002-A	Initial Draw sample; Sampled sink next to copier in Rm 308.2	12/20/16 5:58 AM	6.06
2055-122016-TL-002-B	Flush sample; Sampled sink next to copier in Rm 308.2	12/20/16 5:59 AM	None Detected
2055-122016-TL-003-A	Initial Draw sample; Sampled only sink in Assistant Principal's office	12/20/16 6:16 AM	2.93
2055-122016-TL-003-B	Flush sample; Sampled only sink in Assistant Principal's office	12/20/16 6:17 AM	None Detected
2055-122016-TL-004-A	Not Sampled; No Access to Room A108	NS	NS
2055-122016-TL-004-B	Not Sampled; No Access to Room A108	NS	NS
2055-052617-TL-004-A	Initial Draw sample; Sink in the far left of Rm A108 next to the refrigerator	5/26/17 5:28 AM	24.3
2055-052617-TL-004-B	Flush sample; Sink in the far left of Rm A108 next to the refrigerator	5/26/17 5:29 AM	None Detected
2055-100317-TL-004-A	Initial Draw sample; Retest Sink in the far left of Rm A108 next to the refrigerator	10/3/17 4:57 AM	17.7
2055-100317-TL-004-B	Flush sample; Retest Sink in the far left of Rm A108 next to the refrigerator	10/3/17 4:58 AM	1.40
	Initial Draw sample; Retest Sink in the far left of Rm A108 next to the refrigerator; Filter		
2055-110917-TL-004-A	added	11/9/17 4:54 AM	5.31
2055-110917-TL-004-B	Flush sample; Retest Sink in the far left of Rm A108 next to the refrigerator; Filter added	11/9/17 4:55 AM	None Detected
2055-122016-TL-005-A	Initial Draw sample; Sampled sink in Teachers Lounge across from washer and dryer in Healthcare Lab	12/20/16 5:06 AM	5.34
2033 122010 1E 003 A	Flush sample; Sampled sink in Teachers Lounge across from washer and dryer in	12/20/10 3:00 AIVI	5.54
2055-122016-TL-005-B	Healthcare Lab	12/20/16 5:07 AM	None Detected
2055-122016-OT-001-A	Initial Draw sample; Sampled sink in Training Rm near Athletic Equipment Rm	12/20/16 5:35 AM	None Detected
2055-122016-OT-001-B	Flush sample; Sampled sink in Training Rm near Athletic Equipment Rm	12/20/16 5:36 AM	1.47
2055-122016-CS-001-A	Initial Draw sample; Food Prep sink in Kitchen; Dripping on arrival	12/20/16 5:33 AM	None Detected
2055-122016-CS-001-B	Flush sample; Food Prep sink in Kitchen; Dripping on arrival	12/20/16 5:34 AM	None Detected
2055-052617-CS-002-A	Initial Draw sample; Back right sink in Food's Room/Rm 502	5/26/17 5:03 AM	None Detected
2055-052617-CS-002-B	Flush sample; Back right sink in Food's Room/Rm 502	5/26/17 5:04 AM	None Detected
2055-052617-CS-003-A	Initial Draw sample; Middle right sink in Food's Room/Rm 502	5/26/17 5:05 AM	None Detected
2055-052617-CS-003-B	Flush sample; Middle right sink in Food's Room/Rm 502	5/26/17 5:06 AM	None Detected

Druid Hills High School





			Lead Test
			Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
2055-052617-CS-004-A	Initial Draw sample; Front right sink in Food's Room/Rm 502	5/26/17 5:07 AM	None Detected
2055-052617-CS-004-B	Flush sample; Front right sink in Food's Room/Rm 502	5/26/17 5:08 AM	None Detected
2055-052617-CS-005-A	Initial Draw sample; Front left sink in Food's Room/Rm 502	5/26/17 5:10 AM	None Detected
2055-052617-CS-005-В	Flush sample; Front left sink in Food's Room/Rm 502	5/26/17 5:11 AM	None Detected
2055-052617-CS-006-A	Initial Draw sample; Middle left sink in Food's Room/Rm 502	5/26/17 5:12 AM	1.75
2055-052617-CS-006-В	Flush sample; Middle left sink in Food's Room/Rm 502	5/26/17 5:13 AM	None Detected
2055-052617-CS-007-A	Initial Draw sample; Back left sink in Food's Room/Rm 502	5/26/17 5:14 AM	None Detected
2055-052617-CS-007-В	Flush sample; Back left sink in Food's Room/Rm 502	5/26/17 5:15 AM	None Detected
2055-122016-IM-001-A	Scotsman Ice Machine in Kitchen	12/20/16 5:35 AM	None Detected
2055-122016-IM-002-A	Ice-O-Matic Ice Machine in Rm across from Rm 0110	12/20/16 5:38 AM	None Detected
2055-122016-SC-001-A	Service Connection Entry into Building	12/20/16 5:54 AM	5.19

Notes:

ppb-parts per billion

Bold-Exceeds 15 ppb--EPA's

Action Level for Lead

NS-Not Sampled; Source unit was either inoperable or inaccessible during the initial sampling on 12/20/16

^{*} Note--Where "A" and "B" are indicated, AEM collected two samples at each source area location: ("A") initial draw sample; and ("B") after a 30-second flush sample

ATTACHMENT A AEM Field Sampling Forms



FACILITY NAME: Druid Hills High Facility FACILITY ID: 2055

ADDRESS: 1798 Haygood Drive, Atlanta, GA 30307

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
12/20/16	0535	2055-122016- IM-001 -A	Cafe Kitchen	li room Hallway	Scotsman im	KW
12/20/16	0539	2055-122016- DF-008 - A	Cafe	In room Hallway	Single Fixay DF- NM	KM
12/20/16	0540	2055-122016- DF - 008 - B	1/ (1	Hallway	SAA	EM
12/20/16	0543	2055-122016- DF - 004 - A	across from C 514	In room Hallway	R Ht DF - WM	KW
12/20/16	0544	2055-122016- DF-004-B		In room Hallway	SAA	knu
12/20/16	0545	2055-122016- DF-005 - A		In room Hallway	L HT DF - WM	KW
12/20/16	0546	2055-122016- DF - 005 - B		In room Hallway	SAA	KW
12/20/16	0558	2055-122016- RS-001 - A	giris pp auross from	In room Hallway		Ken
12/20/16	0600	2055-122016- PS-001 - B		in room Hallway		KN
12/20/16	0559	2055-122016- QS-001 - C	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	In room Hallway	initial dup	12W

FACILITY NAME:	Druid Hills High Facility	FACILITY ID:	2055

ADDRESS: 1798 Haygood Drive, Atlanta, GA 30307

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
12/20/16	B625	2055-122016- RS-665-1A	RR	In room Hallway	ONLY SIMKIN QR	A
12/20/16		2055-122016- RS-005-B	((In room Hallway	((25)
12/20/16	0 6 59	2055-122016- DF-025-A	68m	In room Hallway	Sinste elkar wm DF	A
12/20/16	<u> </u>	2055-122016- DF-025-B	CC	In room Hallway	le	A
12/20/16		2055-122016-		In room Hallway		
12/20/16		2055-122016-		In room Hallway		
12/20/16		2055-122016-		In room Hallway		
12/20/16		2055-122016-		In room Hallway		
12/20/16		2055-122016-		In room Hallway		
12/20/16		2055-122016-		In room Hallway		

FACILITY NAME: Druid Hills High Facility

FACILITY ID: 2055

ADDRESS: 1798 Haygood Drive, Atlanta, GA 30307

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
12/20/16	0554	2055-122016- SC-CCI-A	Scileron	(n room Hallway	boiler room near eyen Flashed 3 mins due to dirty color	M
12/20/16	0606	2055-122016- DF-019-A	115440F	In room Hallway	Sampled from "Tempered Wat line. no spiket. I Lift will mounted DE	er"
12/20/16	0607	2055-122016- DFG 19-B		In room Hallway	, ,	
12/20/16	0608	2055-122016- DF-070-A		In room Hallway	Right wondf	
12/20/16	0609	2055-122016- DF-020-B	`\	In room Hallway	1 5	
12/20/16	0617	2055-122016- RS-663-A	Proyskr +Ofisht	la room Hallway	ONLYS', UK : NAR	
12/20/16	0618	2055-122016- RS-0C3-B	404	In room Hallway	× 1	
12/20/16	0(27	2055-122016-DF-826-A	beside Rote Shop y com	In room Hallway	single hasley sayer win	
12/20/16	0624	2055-122016-DF-026-B	ε (In room Hallway	\ (V
12/20/16		2055-122016-		In room Hallway		

FACILITY NAME:

Druid Hills High Facility

FACILITY ID:

2055

ADDRESS: 1798 Haygood Drive, Atlanta, GA 30307

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
12/20/16	0505	2055-122016- DF- 007- A	to L of Rm CIOS	In room Hallway	Upper L HT DF - MM	KW
12/20/16	0506	2055-122016- DF - 007 - B		In room	SAA	KW
12/20/16	0507	2055-122016- DF - 006 - A		In room Hallway	Lower R HT DF - WM	KW
12/20/16	0508	2055-122016- DF - 006 - B	✓	In room Hallway	S:AA	FW
12/20/16	0524	2055-122016- DF - 002 - A	from em 502	In room Hallway	LHT DF - WM	KW
12/20/16	0525	2055-122016- DF-002-B		In room Hallway	SAA	KW
12/20/16	0526	2055-122016- DF-003-A		In room Hallway	PHT DF - VM	HW
12/20/16	0527	2055-122016- DF-003-B		In room Hallway	SAA	KTW
12/20/16	0533	2055-122016- CS- COI - A	Cafe Kitchen	n room Hallway	Food prep sink- dripping	KtW
12/20/16	0534	2055-122016- CS - OOI - B	cr V	(n room) Hallway	SAA	KW

FACILITY NAME: Druid Hills High Facility FACILITY ID: 2055

ADDRESS: 1798 Haygood Drive, Atlanta, GA 30307

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
12/20/16	0555	2055-122016- DF - OOI - A	across From Rm 511	In room Hallway	Single Oasis DF - hm	HW
12/20/16	0556	2055-122016- DF - 001 - B	H N	In room	SAA	KIN
12/20/16	0612	2055-122016- DF -013 - A	to L of C207	In room Hallway	Upper L HT DF-MM	KTW
12/20/16	0013	2055-122016- DF -013 -B		In room Hallway	SAA	EW
12/20/16	0614	2055-122016- DF - O14 - A		In room Hallway	Loner R HT DF-1m	KTW
12/20/16	0615	2055-122016- DF - 014 - B	1	In room Hallway	SAA	AW
12/20/16	0616	2055-122016- TL- 003 - A	asst princ,	n room Hallway	Only sink	Ktw
12/20/16	0617	2055-122016- TL- 003 - B	No Rm	In room Hallway	SAA	KM
12/20/16		2055-122016- TL - 00 I - A	C517	In room Hallway	Not there not sampled	
12/20/16		2055-122016- TL-00 - B		In room Hallway		

FACILITY NAME: Druid Hills High Facility FACILITY ID: 2055

ADDRESS: 1798 Haygood Drive, Atlanta, GA 30307

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	- 1	EAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
12/20/16	026	2055-122016- DF-024-A	1,0	L of 109	In room Hallway	L Elkay DF MM	Kiw
12/20/16	0627	2055-122016- DF - 024 -B			In room Hallway	SAA	KM
12/20/16	0428	2055-122016- DF-023-A			In room Hallway	R H+ DF nm	KM
12/20/16	D429	2055-122016- DF - 023 - B			In room Hallway	SAM	KW
12/20/16		2055-122016-			In room Hallway		
12/20/16		2055-122016-			In room Hallway		
12/20/16		2055-122016-			In room Hallway		
12/20/16		2055-122016-			In room Hallway		
12/20/16		2055-122016-			In room Hallway		
12/20/16		2055-122016-			In room Hallway		

FACILITY NAME: Druid Hills High Facility ADDRESS: 1798 Haygood Drive, Atlanta, GA 30307 FACILITY ID: 2055

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sal	MEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLE
12/20/16	0530	2055-122016- DF-033-A	athletic	In room	lower left Halsey	INIT.
12/20/16	0531	2055-122016- 05-033-1	3	In room Hallway	Taylor nepto atnethletic	H
12/20/16	0532	2055-122016- OF-032-H		In room	upper Right Halsey	
12/20/16	0533	2055-122016- DF-632-1		In room	tayla wm	
12/20/16	0535		Training Ru 1 near	111111111111111111111111111111111111111	SMK	
12/20/16	0536	2055-122016-	Catholitic	100111	ν(
- 1		2055-122016-IM-002-4		Hallway In room	,	
2/20/46		2055-122016- RS 006- A	Buys lacker	Hallway In room	across from DIO 10e-0-matic Leftmost SINLL "	
2/20/16	1	2055-122016- QS- 006-B	RM RK		A.	
2/20/16		2055-122016-		Hallway		
CATION TO		letic field; CS= cafeteria sink: DE= drinking		In room Hallway		VI VI

LOCATION TYPE: AF= athletic field; CS= cafeteria sink; DF= drinking fountain; IM= ice maker; KS= kindergarten sink; RS= restroom sink; SC= service connection;

FACILITY NAME:

Druid Hills High Facility

FACILITY ID:

2055

ADDRESS: 1798 Haygood Drive, Atlanta, GA 30307

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
12/20/16	0503	2055-122016- RS-008-A	Girls' RPR next+00 AZOZ	∰ room Hallway	Right mest sink	0)
12/20/16	0504	2055-122016- RS-008-B	36	n room Hallway		CJ
12/20/16	0507	2055-122016- DF - OII-A	next to AZO3	In room Hallway	DA brand, right fountain Halsey Taylor	
12/20/16	0508	2055-122016- DF-ON-B	15	In room Hallway		
12/20/16	0509	2055-122016- DF-012-A	1,	In room Hallway	water fountain running on arrival	
12/20/16	0510	2055-122016- PF-012-B	1.	In room Hallway	Halsey Taylor	
12/20/16	0517	2055-122016- DF-010-A	Acros from 205	In room Hallway	no brand, lest Somfain Halsey-Tarylor	
12/20/16	0518	2055-122016- DF-010-B	x 1	In room Hallway	t,	
12/20/16	0519	2055-122016- OF - 0\0 - C		In room	flush dyp	45
12/20/16		2055-122016-		In room Hallway		

FACILITY NAME: Druid Hills High Facility ADDRESS: 1798 Haygood Drive, Atlanta, GA 30307 FACILITY ID: 2055

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER
12/20/1	6 0548	2055-122016- OF- 031-A	Boy's Locker Rm	In room	Single wn	INIT.
12/20/1	549	2055-122016- DE-031-B	17 (1	In room		IM
12/20/16	0621	2055-122016- NF - U22- H	Big	Hallway In room	MM FILL WAR	M
12/20/16	0622	2055-122016- Df-D22-B	AIII		0,5	H
12/20/16	1,	2055-122016- D C - O A - A		Hallway In room	Right um De	Щ
12/20/16	0	2055-122016- DF - DDJ -B				A
12/20/16	0035	2055-122016- RS-007-4A	Gym Gyls RR	Hallway In room	left sink	Ut
12/20/16	_ //	2055-122016- RS-W7-B	girls RR	In room	()	UH
12/20/16	1	2055-122016-		Hallway In room		H
2/20/16	2	055-122016-		Hallway In room		
CATION TY	DE: AE	etic field; CS= cafeteria sink; DF= drinking fountain				

LOCATION TYPE: AF= athletic field; CS= cafeteria sink; DF= drinking fountain; IM= ice maker; KS= kindergarten sink; RS= restroom sink; SC= service connection;

FACILITY NAME:

Druid Hills High Facility

FACILITY ID:

2055

ADDRESS: 1798 Haygood Drive, Atlanta, GA 30307

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
12/20/16	0506	2055-122016- TL-005 -A	The marketheare	In foom Hallway	sink in The across from wagner + dujer	LA LA
12/20/16	0507	2055-122016- TL- W5-B	Busenery,	In room Hallway	IN P	IA
12/20/16	0518	2055-122016- 0 - 027 - 1	giri's lacker	In room Hallway	Lest pair: upper left Halsey Taylor Mr.	111
12/20/16	0519	2055-122016- Of -O27-B		In room Hallway	ic my layer van	LH
12/20/16	0520	2055-122016-07-028-49		ko room Hallway	left pair: lower Right Harry Tayon un	LH
12/20/16	0521	2055-122016- Of-028-B		n room Hallway	in the state of th	LAH
12/20/16	0522	2055-122016- Of -029-HA		In room Hallway	Right pair: upper	4
12/20/16	0523	2055-122016- Df -029-B		In room Hallway	LEFT Harry layly um	
12/20/16	0524	2055-122016- OT - D3D-A			Right pair: laver Rights Halsey Taylor Wh	H
12/20/16)525	2055-122016- OF-03D-B	V		in 10	1AH

LOCATION TYPE: AF= athletic field; CS= cafeteria sink; DF= drinking fountain; IM= ice maker; KS= kindergarten sink; RS= restroom sink; SC= service connection; TL= teachers' lounge; OT = Other. SAMPLE TYPE: A= initial; B= flush; C= duplicate

2055

FACILITY NAME: Druid Hills High Facility FACILITY ID: ADDRESS: 1798 Haygood Drive, Atlanta, GA 30307

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER
12/20/16	0556	2055-122016- RS-002-A	Girls' RR Nex + to A363	In room Hallway	Left most sink	INIT.
12/20/16	0557	2055-122016- RS-002-B		m room Hallway		
12/20/16	0558	2055-122016- TL-002-A	308.2	m room Hallway	sink next to copper	
12/20/16	0559	2055-122016- TL-002-B		la room Hallway		
12/20/16	0620	2055-122016- RS-004-A	109.1	dn room Hallway	Right most sink	
12/20/16	0621	2055-122016- RS-004-B		In room Hallway		7
12/20/16		2055-122016- TL-004-A		In room Hallway	not sampled	
12/20/16	and the second	2055-122016- TL-004-B		In room Hallway		
12/20/16		2055-122016-		In room Hallway		
12/20/16		2055-122016-		In room Hallway		

LOCATION TYPE: AF= athletic field; CS= cafeteria sink; DF= drinking fountain; IM= ice maker; KS= kindergarten sink; RS= restroom sink; SC= service connection; TL= teachers' lounge; OT = Other. SAMPLE TYPE: A= initial; B= flush; C= duplicate

FACILITY NAME: Druid Hills High Facility FACILITY ID: 2055 ADDRESS: 1798 Haygood Drive, Atlanta, GA 30307

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
12/20/16	0520	2055-122016- DF-009-A	Acrossfum 205	In room Hallway	Halsey-Taylor right formain	CA
12/20/16	0521	2055-122016- DF-009-B	N.~	In room Hallway	S	1
12/20/16	0530	2055-122016- OF US-A	Across from 308	In room Hallway	Halsey-Taylor ght fortain	
12/20/16	0531	2055-122016- BF-U15-B	r	In room Hallway	no brand, left for	
12/20/16	0532	2055-122016- DF-016-A	1	In room Hallway	so brand left fourtain HaseyTaylor	
12/20/16	0533	2055-122016- DF-016-B	٠,	In room Hallway	Tracey ray for	
12/20/16	0538	2055-122016- OF-017-A	Across from	In room Hallway	Halsey Fay lor, right fountain	
12/20/16	0539	2055-122016- OF-017-B	4	In room Hallway	<u> </u>	
12/20/16	0540	2055-122016- DF-018-A	1 1	In room Hallway	Halsey Taylor left foundain	
12/20/16	0541	2055-122016- OF-018-B	1	In room Hallway	18,700	17

LOCATION TYPE: AF= athletic field; CS= cafeteria sink; DF= drinking fountain; IM= ice maker; KS= kindergarten sink; RS= restroom sink; SC= service connection; TL= teachers' lounge; OT = Other. SAMPLE TYPE: A= initial; B= flush; C= duplicate

FACILITY NAME: DRUID HILLS HIGH FACILITY FACILITY ID: 2055

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
5/26/17	0503	2055 - 052617 - C5-002 - A	foods 862	In ro m Hallway	back Right sink	4
5/26/17	2204	2055 - 052617 - CS-OV2-B		In 🌀 Hallway	7	" 9
5/26/17	0202	2055 - 052617 - CS-003 - A		la room Hallway	middle for Kognt	U
5/26/17	0500	2055 - 052617 - C5- DV3- B		In room Hallway	"	" Ul
5/26/17	0507	2055 - 052617 - CS- 00 4- A		In com Hallway	front Right sink	H
5/26/17	0208	2055 - 052617 - CJ - ODY - B	Political designation of the second s	In Hallway	10	" 4
5/26/17	0310	2055 - 052617 - CS-005-A		Hallway	front left sink	4
5/26/17	0511	2055 - 052617 - C5 - ODJ -B		Ir room Hallway	"	"
5/26/17	0512	2055 - 052617 - CS - DOLE - PC		Inm Hallway	middle left sink	W
5/26/17	9213	2055 - 052617 - C5 · W · · · 3	o	In com Hallway	11	" (1)

FACILITY NAME:

DRUID HILLS HIGH FACILITY

FACILITY ID:

2055

DATE	TIME	SAMPLE ID	NEAREST	LOCATION	DESCRIPTION	SAMPLER
		(Facility ID-Date-Location Type-Sequential #-Sample Type)	ROOM	(circle)		INIT.
5/26/17	0517	2055 - 052617 - TL-DON-17	C517	In com Hallway	handware lab	UH
5/26/17	0518	2055 - 052617 - TL-DDFB	C317	la room Hallway	v n	H
5/26/17	0514	2055 - 052617 - CS- 007- A	foods 502	l o om Hallway	back to left sink	Ut
5/26/17	0515	2055 - 052617 - C5-007-B	To the second second	li rom Hallway	to to	UH
5/26/17	7540	2055 - 052617 - DE-DIS-A	uft Of 1303	In room	laver left Elkayum	H
5/26/17	0541	2055 - 052617 - DE-018-B	W	In room	ħ	U
5/26/17	0535	2055 - 052617 - DE-024-A	auross from A 108	In room	left Elkay wm	H
5/26/17	0536	2055 - 052617 - OE-024-B	W	In room Hallwa	u u	UH
5/26/17	0528	2055 - 052617 - TL- ODU-A	Avalo A108	Hallway	sink in far left of Rm next to Endge	Uf
5/26/17	0529	2055 - 052617 - TC-004-B	W	Hallway	10	46

FACILITY NAME:	DRUID HILLS HIGH FACILITY	FACILITY ID:	2055

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
10/3/17	0457	2055 - 100317 - TL-804-A	A108	n room Hallway	Sink in act room	TR
10/3/17	0458	2055 - 100317 - TL-004-B	A108	In room Hallway	CS.	TR
10/3/17		2055 - 100317 -		In room Hallway		
10/3/17		2055 - 100317 -		In room Hallway		
10/3/17		2055 - 100317 -		In room Hallway		
10/3/17		2055 - 100317 -		In room Hallway		
10/3/17		2055 - 100317 -		In room Hallway		
10/3/17		2055 - 100317 -		In room Hallway		
10/3/17		2055 - 100317 -		In room Hallway		
10/3/17		2055 - 100317 -		In room Hallway		

FACILITY NAME:

DRUID HILLS HIGH FACILITY

FACILITY ID:

2055

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
11/9/17	0454	2055 - 110917 - TL-004-A	A108	In room Hallway	workroom faucet (Filter added)	TR
11/9/17	0455	2055 - 110917 - TL-004-B	4108	In room Hallway	Ц	TR
11/9/17		2055 - 110917 -		in room Hallway		
11/9/17		2055 - 110917 -		In room Hallway		
11/9/17		2055 - 110917 -		In room Hallway		
11/9/17		2055 - 110917 -		In room Hallway		
11/9/17		2055 - 110917 -		in room Hallway		
11/9/17		2055 - 110917 -		in room Hallway		
11/9/17		2055 - 110917 -		In room Hallway		
11/9/17		2055 - 110917 -		In room Hallway		

ATTACHMENT B AES Laboratory Analytical Report



Leona Miles

From: NoReply@aesatlanta.net

Sent: Monday, January 9, 2017 1:35 PM

To: leona-miles@aem-net.com; tim-royer@aem-net.com

Subject: DCSD - 2055

Attachments: 1612J50_REPORT.pdf; 1612J50Invoice.pdf

Please see attached. If you have any questions or need further assistance please contact your project manager at 770-457-8177.

AES Reporting System

ANALYTICAL ENVIRONMENTAL SERVICES,INC. 3080 Presidential Drive ATLANTA,GA 30340 Tel:770-457-8177 Fax:770-457-8188 http://www.aesatlanta.com

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ANALYTICAL ENVIRONMENTAL SERVICES, INC.



January 09, 2017

Leona Miles Atlanta Environmental Mgmt 2580 NE Expresswav Atlanta GA 30345

TEL: (404) 329-9006 FAX: (404) 329-2057

RE: DCSD - 2055

Dear Leona Miles: Order No: 1612J50

Analytical Environmental Services, Inc. received 97 samples on 12/20/2016 9:00:00 AM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES's accreditations are as follows:

- -NELAC/Florida State Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, and Drinking Water Microbiology, effective 07/01/16-06/30/17.
- -NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/16-06/30/17.
- -NELAC/Texas Certificate No. T104704509-16-6 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 03/01/16-02/28/17.
- -AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

Ioana Pacurar

Project Manager

IDana) Pacurar



3080 Presidential Drive, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

ANALYTICAL ENVIRONMENTAL SERVICES, INC

W	ork Order:		619	<u> 150</u>
Date: 17/20/16	Page	1	of	7

COMPANY:	Atlanta Environmental Management, Inc	ADDRESS:	2580 Norther	east Exp	presswi	ay, NE				A	NAL	YSIS	REQ	JESTI	ĒD			\	Visit our website	
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GW = Groundwater SE = Sediment SO = Soil SW = Surface Water DW = Drinking Water W = Water (BlanDF) O = Other (specify) MATRIX CODES: A = Air

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Work Order: 1612J5

AES

3080 Presidential Drive, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

e: 12/20/16 Page 2 of 7

COMPANY:	COMPANY: Atlanta Environmental Management, Inc		2580 Northe	ast Exp	resswa	y, NE				Aì	NALY	YSIS I	REQU	ESTEI)			Visit our website	
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MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water DW=Drinking Water W = Water (BlanDF) O = Other (specify)

Page 3 of 112

ANALYTICAL ENVIRONMENTAL SERVICES, INC

CHAIN OF CUSTODY

3080 Presidential Drive, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

Work Order: 1610350

Date: 12/20/16 Page 3 of 7

COMPANY:	Atlanta Environmental Management, Inc	ADDRESS: 2580 Northeast Expressway, NE Atlanta, GA 30345								A)	NAL	YSIS I	REQU	JESTE	ED			Visit our website	
	.		Atlanta, GA	30345			200.8											www.aesatlanta.com to check on the status of	
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GW = Groundwater SE = Sediment SO = Soil SW = Surface Water DW=Drinking Water W = Water (Blanks) O = Other (specify) MATRIX CODES: A = Air

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3080 Presidential Drive, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

Work Order: 161250

Date: 12/20/16 Page of 7

COMPANY:	Atlanta Environmental Management, Inc	ADDRESS:	2580 Norther	et Evr	recewa	v NE				AN	ALY	SIS RE	QUES	TED			Visit our website	
	Atlanta Environmental Management, Inc		Atlanta, GA		1 633116	.y, 1 (12)	8.0										www.aesatlanta.com	
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Page 5 of 112

(A)
AES

3080 Presidential Drive, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

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COMPANY:	Atlanta Environmental Management, Inc	2580 Northe	ast Exp	resswa	y, NE				Αì	NALY	SIS R	EQUE:	STED			Visit our website			
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	EIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS						MARK	ED ON	COC	AES V	VILL F	ROCE	EED AS	STAND	ARD T	AT.			

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water DW = Drinking Water W = Water (Blanks) O = Other (specify)

White Copy - Original; Yellow Copy - Client

Page 6 of 112

3080 Presidential Drive, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

Work Order: 100150

Date: 12/20116 Page 6 of 7

COMPANY:		vironmental Management, Inc ADDRESS: 2580 Northeast Expressw										~					T	T
	Atlanta Environmental Management, Inc					ay, NE				An	ALYS	SIS REG	QUES	ľED			Visit our website	
			Atlanta, GA	. 30345			8.00										www.aesatlanta.com	
PHONE:	(404) 329-9006	FAX:	(404) 329)- 2057	 7		Method 200.8							İ			to check on the status of your results, place bottle	1
SAMPLED BY:	A 1	SIGNATURE:					Met										orders, etc.	ntain
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		DATE	TIME	Grab	S _O	Ma (Se	I							\bot				
1	2055-122016-TL-005-A	12/20/2016	0506	X	<u> </u>	DW	X											Lauren
2	2055-122016-TL-005-B	12/20/2016	0567	X	<u> </u>	DW	X			\perp								(
3	2055-122016-RS-001-A	12/20/2016	0558	X	<u></u> '	DW	X											(
4	2055-122016-RS-001-B	12/20/2016	0600	X	<u> </u>	DW	X											£.
5	2055-122016-RS-001-C	12/20/2016	0559	X		DW	X											
6	2055-122016-RS-002-A	12/20/2016	0556	X		DW	X							\Box				
7	2055-122016-RS-002-B	12/20/2016	0557	X		DW	X		Ī	\top	1			\exists				
8	2055-122016-RS-003-A	12/20/2016	0617	X		DW	X		T									
9	2055-122016-RS-003-B	12/20/2016	0618	X		DW	X			\top	T		一					1
10	2055-122016-RS-004-A	12/20/2016	0620	X		DW	X			\top	1	\dagger						
11	2055-122016-RS-004-B	12/20/2016	0621	X		DW	X			\top	1	1						
12	2055-122016-RS-005-A	12/20/2016	0625	X		DW	X			1	1	\dagger	1					
13	2055-122016-RS-005-B	12/20/2016	0626	X		DW	χ		\top	\top	+	11	\top	-	+			
14	2055-122016-RS-006-A	12/20/2016	0.551	X		DW	X				+	\dagger		+	1			
15	2055-122016-RS-006-B	12/20/2016	0552	X		DW	X			\top	+	1	\exists		++			
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5 :		3:															2 Business Day Rush	
		-	***************************************							<u>Le</u>	ona I	Miles	and '	Гim R	loyer		Next Business Day Rush	
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Preserve at the La	b per protocol	IN / VIA: CLIENT FedEx UPS MAIL COURIER												STATE PROGRAM (if any): E-mail? Y/N; Fax? Y/N				
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	EIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RI DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT I						IARKI	ED ON	COC A	AES W	LL PR	OCEE	D AS S	ΓANDA	RD TAT			

MATRIX CODES: A = AirGW = GroundwaterSE = Sediment SO = Soil SW = Surface Water DW=Drinking Water W = Water (Blanks) O = Other (specify) Page 7 of 112

Work Order:	1612351

AES

3080 Presidential Drive, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

	17/11)	—
Date:	12/20/16	Page	of	- (

COMPANY:	Atlanta Environmental Management, Inc	Address: 2580 Northeast Expressway, NE Atlanta, GA 30345								A۱	IALY	SIS RE	QUES	TED			Visit our website	
			Atlanta, GA	30345			8.007										www.aesatlanta.com	
PHONE:	(404) 329-9006	FAX:	(404) 329	-2057	7		ethod 2										to check on the status of your results, place bott	
SAMPLED BY:	Andy Jensen	SIGNATURE	Des	,	escucivo consesso productivo co	gganga ngira amara.	Total Pb Method 200.8										orders, etc.	al of Containers
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	OUM PE IN	DATE	TIME	Grab	Composite	Matrix (See codes)	I			IN	ESEK	VAIIO	1 (360	odes)			REMARKS	
1	2055-122016-RS-007-A	12/20/2016	0635	X		DW	X					1			_			(
2	2055-122016-RS-007-B	12/20/2016	0636	X		DW	X					1						****
3	2055-122016-RS-008-A	12/20/2016	0503	X		DW	X											1/
4	2055-122016-RS-008-B	12/20/2016	0504	X		DW	X											17
5	2055-122016-OT-001-A	12/20/2016	0535	X		DW	X								\top			Ĭ,
6	2055-122016-OT-001-B	12/20/2016	0536	X		DW	X											
7	2055-122016-CS-001-A √	12/20/2016	0533	X		DW	X											
8	2055-122016-CS-001-B	12/20/2016	0534	X		DW	X											1
- 9	2055-122016-CS-001-C	12/20/2016		X		DW											NOtsampled	
10	2055-122016-IM-001-A ⊮	12/20/2016	0535	X		DW	λ				\top							
11	2055-122016-IM-002-A	12/20/2016	0538	X		DW	X				1							1
12	2055-122016-SC-001-A	12/20/2016	0554	X		DW	>			十	\top	1						1
13											T							1
14										\top	1	1						+
15		1							\top			-						1
RELINQUISHED	BY DATE/TIME	RECEIVED BY	Y			DATE/TIME				PR	OJEC	T INFO	RMA	TON			RECEIPT	
Mess	~ 12/20/16 Ogoo	De	uta (In	arai	_12/20/ 12/20/		ECT NA	AME:	D	CSD						Total # of Containers	
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ξ.		3:					SITE A	ADDRE	SS:			2055	5				Standard 5 Business Days	,
		J ³					SEND REPORT TO: Leona Miles and Tim Royer							2 Business Day Rush Next Business Day Rush				
SPECIAL INSTRU	JCTIONS/COMMENTS:	OUT /	SHIPMENT /	METHOI	D			ICE TO	: NT FRO								Same Day Rush (auth red Other: 10 business Days	I·)
Preserve at the La	b per protocol	IN CLIEN	FedEx UPS	VIA: PS MAIL	L COUI	RIER		leona-r	niles@a	em-net.	com; t	im-roye	r@aem	net.com			STATE PROGRAM (if any): E-mail? Y/N; Fax? Y/N	
-	TO SEC. TO SEC. SEC. SEC. SEC. SEC. SEC. SEC. SEC.			THER			QUOT						PO#:_				DATA PACKAGE: I II III	
	EIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS R DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT 1						IARK	ED ON	COC A	AES W	ILL P	ROCEI	D AS	STANDA	RD TAT	•	****	

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water DW=Drinking Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

Page 8 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-001-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:55:00 AM

 Lab ID:
 1612J50-001
 Matrix:
 Drinking Water

Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS	E200.8				(E 2	200.2)			
Lead		BRL	1.00		ug/L	235994	1	01/06/2017 18:29	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 9 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-001-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:56:00 AM

 Lab ID:
 1612J50-002
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 235994 01/06/2017 18:46 JR Lead

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 10 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-002-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:24:00 AM

Lab ID:1612J50-003Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235994	1	01/06/2017 18:57	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 11 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-002-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:25:00 AM

Lab ID: 1612J50-004 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235994	1	01/06/2017 19:00	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative
NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 12 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-003-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:26:00 AM

Lab ID:1612J50-005Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	1.52	1.00		ug/L	235994	1	01/06/2017 19:04	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 13 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-003-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:27:00 AM

Lab ID: 1612J50-006 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8	:			(E2	200.2)			
Lead	1.09	1.00		ug/L	235994	1	01/06/2017 19:07	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 14 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-004-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:43:00 AM

Lab ID: 1612J50-007 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	1.76	1.00		ug/L	235994	1	01/06/2017 19:11	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 15 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-004-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:44:00 AM

Lab ID: 1612J50-008 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	1.72	1.00		ug/L	235994	1	01/06/2017 19:14	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 16 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-005-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:45:00 AM

Lab ID:1612J50-009Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	5.76	1.00		ug/L	235994	1	01/06/2017 19:18	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 17 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-005-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:46:00 AM

Lab ID:1612J50-010Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	2.64	1.00		ug/L	235994	1	01/08/2017 13:20	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 18 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-006-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:07:00 AM

Lab ID:1612J50-011Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235994	1	01/06/2017 18:39	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 19 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-006-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:08:00 AM

Lab ID:1612J50-012Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.	8			(E2	200.2)			
Lead	BRL	1.00		ug/L	235994	1	01/06/2017 19:25	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 20 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-007-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:05:00 AM

Lab ID:1612J50-013Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235994	1	01/06/2017 19:28	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 21 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-007-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:06:00 AM

 Lob ID:
 16/12/50 014
 Matrix:
 Drinking Water

Lab ID:1612J50-014Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8	;			(E2	200.2)			
Lead	BRL	1.00		ug/L	235994	. 1	01/06/2017 19:39	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-008-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:39:00 AM

Lab ID:1612J50-015Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.	8			(E2	200.2)			
Lead	BRL	1.00		ug/L	235994	1	01/06/2017 19:42	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

Less than Result value

NC Not confirmed

J Estimated value detected below Reporting Limit

Page 23 of 112

2055-122016-DF-008-B **Client:** Atlanta Environmental Mgmt **Client Sample ID:** Project Name: DCSD - 2055 **Collection Date:** 12/20/2016 5:40:00 AM Lab ID: 1612J50-016 Matrix: Drinking Water

Reporting Dilution BatchID Result Qual Units Limit Factor

Date:

9-Jan-17

Analyses Date Analyzed Analyst **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 235994 01/06/2017 19:46 JR Lead

Qualifiers:

Value exceeds maximum contaminant level

BRL Below reporting limit

Н Holding times for preparation or analysis exceeded

Analyte not NELAC certified

Analyte detected in the associated method blank

Greater than Result value

Estimated (value above quantitation range)

Spike Recovery outside limits due to matrix

See case narrative

Not confirmed

Less than Result value

Estimated value detected below Reporting Limit

Page 24 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-009-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:20:00 AM

Lab ID:1612J50-017Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235994	. 1	01/06/2017 19:49	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 25 of 112

Client Sample ID: 2055-122016-DF-009-B **Client:** Atlanta Environmental Mgmt Project Name: DCSD - 2055 **Collection Date:** 12/20/2016 5:21:00 AM Lab ID:

1612J50-018 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst	
Trace Elements by ICP/MS E200.8		(E200.2)							
Lead	BRL	1.00		ug/L	235994	1	01/06/2017 19:53	JR	

Date:

9-Jan-17

Qualifiers:

Value exceeds maximum contaminant level

BRL Below reporting limit

Н Holding times for preparation or analysis exceeded

Analyte not NELAC certified

Analyte detected in the associated method blank

Greater than Result value

E Estimated (value above quantitation range)

Spike Recovery outside limits due to matrix

Narr See case narrative

Not confirmed

Less than Result value

Estimated value detected below Reporting Limit

Page 26 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-010-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:17:00 AM

Lab ID:1612J50-019Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235994	1	01/06/2017 19:56	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 27 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-010-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:18:00 AM

Lab ID:1612J50-020Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235994	1	01/06/2017 20:00	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative
NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 28 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-010-C

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:19:00 AM

Lab ID:1612J50-021Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235998	1	01/06/2017 20:10	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 29 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-011-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:07:00 AM

Lab ID:1612J50-022Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235998	1	01/06/2017 20:35	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 30 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-011-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:08:00 AM

 Lab ID:
 1612J50-023
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 235998 01/06/2017 20:38 JR Lead

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 31 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-012-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:09:00 AM

Lab ID:1612J50-024Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	1.18	1.00		ug/L	235998	1	01/06/2017 20:42	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 32 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-012-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:10:00 AM

 Lob ID:
 16/12/50 025
 Matrix:
 Drinking Water

Lab ID:1612J50-025Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235998	1	01/06/2017 20:45	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 33 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-013-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:12:00 AM

 Lob ID:
 16/12/50 036
 Matrix:
 Drinking Water

Lab ID:1612J50-026Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235998	1	01/06/2017 20:49	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 34 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-013-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:13:00 AM

 Lab ID:
 1612J50-027
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 235998 01/06/2017 20:52 JR Lead

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 35 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-014-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:14:00 AM

Lab ID:1612J50-028Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.	8			(E2	200.2)			
Lead	BRL	1.00		ug/L	235998	1	01/06/2017 21:03	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 36 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-014-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:15:00 AM

 Lob ID:
 16/12/50 030
 Matrix:
 Drinking Water

Lab ID: 1612J50-029 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235998	1	01/06/2017 21:06	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 37 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-015-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:30:00 AM

Lab ID:1612J50-030Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235998	1	01/06/2017 21:10	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 38 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-015-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:31:00 AM

Lab ID:1612J50-031Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235998	1	01/06/2017 20:28	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 39 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-016-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:32:00 AM

Lab ID:1612J50-032Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	1.67	1.00		ug/L	235998	1	01/06/2017 21:13	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 40 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-016-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:33:00 AM

 Lob ID:
 16/12/50 032
 Matrix:
 Drinking Water

Lab ID:1612J50-033Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235998	1	01/06/2017 21:17	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 41 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-017-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:38:00 AM

Lab ID:1612J50-034Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235998	1	01/06/2017 21:20	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative
NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 42 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-017-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:39:00 AM

Lab ID:1612J50-035Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	1.12	1.00		ug/L	235998	1	01/06/2017 21:24	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 43 of 112

Client:Atlanta Environmental MgmtClient Sample ID:2055-122016-DF-018-AProject Name:DCSD - 2055Collection Date:12/20/2016 5:40:00 AM

Lab ID: 1612J50-036 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E 2	200.2)			
Lead	1.45	1.00		ug/L	235998	3 1	01/06/2017 21:27	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 44 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-018-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:41:00 AM

Lab ID:1612J50-037Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8	3			(E2	200.2)			
Lead	61.4	1.00		ug/L	235998	1	01/06/2017 21:31	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 45 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-019-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:06:00 AM

Lab ID:1612J50-038Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235998	1	01/06/2017 21:34	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 46 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-019-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:07:00 AM

 Lob ID:
 16/12/50 0320
 Matrix:
 Drinking Water

Lab ID:1612J50-039Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8	8			(E2	200.2)			
Lead	BRL	1.00		ug/L	235998	3 1	01/06/2017 21:45	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 47 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-020-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:08:00 AM

Lab ID:1612J50-040Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200	.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	235998	1	01/06/2017 21:48	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 48 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-020-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:09:00 AM

Lab ID:1612J50-041Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235996	1	01/06/2017 21:59	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 49 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-021-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:23:00 AM

Lab ID:1612J50-042Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235996	1	01/06/2017 22:16	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 50 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-021-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:24:00 AM

Lab ID:1612J50-043Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235996	1	01/06/2017 22:27	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 51 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-022-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:21:00 AM

 Lab ID:
 1612J50-044
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E2	00.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	235996	1	01/06/2017 22:30	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 52 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-022-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:22:00 AM

 Lab ID:
 1612J50-045
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 235996 01/06/2017 22:34 JR Lead

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 53 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-023-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:28:00 AM

Lab ID: 1612J50-046 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235996	1	01/06/2017 22:37	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

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Lead

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-023-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:29:00 AM

 Lab ID:
 1612J50-047
 Matrix:
 Drinking Water

 BRL

Analyses

Result Reporting | Qual | Units | BatchID | Dilution | Factor | Date Analyzed | Analyst |

Trace Elements by ICP/MS | E200.8 | (E200.2)

1.00

ug/L

235996

Date:

9-Jan-17

01/06/2017 22:41

JR

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 55 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-024-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:26:00 AM

Lab ID:1612J50-048Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor		Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	37.3	1.00		ug/L	235996	1	01/06/2017 22:44	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative
NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 56 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-024-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:27:00 AM

Lab ID:1612J50-049Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	42.8	1.00		ug/L	235996	1	01/06/2017 22:48	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 57 of 112

Lead

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-025-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:39:00 AM

 Lab ID:
 1612J50-050
 Matrix:
 Drinking Water

 BRL

Analyses Result Reporting Qual Units BatchID Dilution Factor Date Analysed Analyst

Trace Elements by ICP/MS E200.8 (E200.2)

1.00

ug/L

235996

Date:

9-Jan-17

01/06/2017 22:52

JR

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 58 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-025-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:40:00 AM

 Lob ID:
 16/12/50 051
 Matrix:
 Drinking Water

Lab ID:1612J50-051Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235996	1	01/06/2017 22:09	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

Less than Result value

NC Not confirmed

Estimated value detected below Reporting Limit

Page 59 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-026-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:23:00 AM

Lab ID:1612J50-052Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235996	1	01/06/2017 22:55	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 60 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-026-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:24:00 AM

 Lob ID:
 16/12/50 052
 Matrix:
 Drinking Water

Lab ID:1612J50-053Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235996	1	01/06/2017 22:59	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 61 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-027-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:18:00 AM

Lab ID:1612J50-054Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.	8			(E2	200.2)			
Lead	BRL	1.00		ug/L	235996	1	01/06/2017 23:09	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 62 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-027-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:19:00 AM

 Lob ID:
 16/12/50 055
 Matrix:
 Drinking Water

Lab ID:1612J50-055Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235996	1	01/06/2017 23:13	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 63 of 112

Client Sample ID: 2055-122016-DF-028-A **Client:** Atlanta Environmental Mgmt Project Name: DCSD - 2055 **Collection Date:** 12/20/2016 5:20:00 AM

Lab ID: 1612J50-056 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235996	1	01/06/2017 23:16	JR

Qualifiers:

Value exceeds maximum contaminant level

BRL Below reporting limit

Н Holding times for preparation or analysis exceeded

Analyte not NELAC certified

Analyte detected in the associated method blank

Greater than Result value

E Estimated (value above quantitation range)

Spike Recovery outside limits due to matrix

Narr See case narrative

Not confirmed

Less than Result value

Page 64 of 112 Estimated value detected below Reporting Limit

Date:

9-Jan-17

Client:Atlanta Environmental MgmtClient Sample ID:2055-122016-DF-028-BProject Name:DCSD - 2055Collection Date:12/20/2016 5:21:00 AM

Lab ID:1612J50-057Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235996	1	01/06/2017 23:20	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 65 of 112

Client:Atlanta Environmental MgmtClient Sample ID:2055-122016-DF-029-AProject Name:DCSD - 2055Collection Date:12/20/2016 5:22:00 AMLab ID:1612J50-058Matrix:Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 235996 01/06/2017 23:23 JR Lead

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 66 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-029-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:23:00 AM

Lab ID:1612J50-059Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235996	1	01/06/2017 23:27	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 67 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-030-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:24:00 AM

Lab ID:1612J50-060Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235996	1	01/06/2017 23:30	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 68 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-030-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:25:00 AM

Lab ID:1612J50-061Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235997	1	01/06/2017 23:41	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 69 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-031-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:48:00 AM

Lab ID:1612J50-062Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235997	1	01/07/2017 00:05	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 70 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-031-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:49:00 AM

 Lab ID:
 1612J50-063
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2)1.01 1.00 ug/L 235997 01/07/2017 00:09 JR Lead

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 71 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-032-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:32:00 AM

Lab ID:1612J50-064Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235997	1	01/07/2017 00:12	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 72 of 112

Client:Atlanta Environmental MgmtClient Sample ID:2055-122016-DF-032-BProject Name:DCSD - 2055Collection Date:12/20/2016 5:33:00 AMLab ID:1612J50-065Matrix:Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 235997 01/07/2017 00:16 JR Lead

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 73 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-033-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:30:00 AM

 Lob ID:
 16/12/50 066
 Mactrice
 Drinking Water

Lab ID: 1612J50-066 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor		Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235997	1	01/07/2017 00:20	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 74 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-DF-033-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:31:00 AM

Lab ID:1612J50-067Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.	8			(E2	200.2)			
Lead	BRL	1.00		ug/L	235997	1	01/07/2017 00:23	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 75 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-TL-002-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:58:00 AM

Lab ID: 1612J50-068 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	6.06	1.00		ug/L	235997	1	01/07/2017 00:34	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

Less than Result value

Estimated value detected below Reporting Limit

Page 76 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-TL-002-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:59:00 AM

 Lob ID:
 16/12/50 060
 Matrix:
 Drinking Water

Lab ID: 1612J50-069 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235997	1	01/07/2017 00:37	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 77 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-TL-003-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:16:00 AM

Lab ID:1612J50-070Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	2.93	1.00		ug/L	235997	1	01/07/2017 00:41	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 78 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-TL-003-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:17:00 AM

Lab ID:1612J50-071Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235997	1	01/06/2017 23:58	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 79 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-TL-005-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:06:00 AM

Lab ID:1612J50-072Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	5.34	1.00		ug/L	235997	1	01/07/2017 00:44	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 80 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-TL-005-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:07:00 AM

 Lob ID:
 16/12/50 072
 Matrix:
 Drinking Water

Lab ID:1612J50-073Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235997	1	01/07/2017 00:48	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 81 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-RS-001-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:58:00 AM

Lab ID:1612J50-074Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	1.99	1.00		ug/L	235997	1	01/07/2017 00:51	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 82 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-RS-001-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:00:00 AM

 Lob ID:
 16/12/50 075
 Matrix:
 Drinking Water

Lab ID:1612J50-075Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	1.19	1.00		ug/L	235997	1	01/07/2017 00:55	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 83 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-RS-001-C

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:59:00 AM

Lab ID:1612J50-076Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	2.00	1.00		ug/L	235997	1	01/07/2017 00:58	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative
NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 84 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-RS-002-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:56:00 AM

 Lab ID:
 1612J50-077
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2)4.29 1.00 ug/L 235997 01/07/2017 01:02 JR Lead

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 85 of 112

Client Sample ID: 2055-122016-RS-002-B **Client:** Atlanta Environmental Mgmt Project Name: DCSD - 2055 **Collection Date:** 12/20/2016 5:57:00 AM Lab ID:

1612J50-078 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235997	1	01/07/2017 01:05	JR

Date:

9-Jan-17

Qualifiers:

Value exceeds maximum contaminant level

BRL Below reporting limit

Н Holding times for preparation or analysis exceeded

Analyte not NELAC certified

Analyte detected in the associated method blank

Greater than Result value

E Estimated (value above quantitation range)

Spike Recovery outside limits due to matrix

Narr See case narrative Not confirmed

Less than Result value

Estimated value detected below Reporting Limit

Page 86 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-RS-003-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:17:00 AM

Lab ID:1612J50-079Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235997	1	01/07/2017 01:16	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 87 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-RS-003-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:18:00 AM

 Lob ID:
 16/12/50, 080
 Matrix:
 Drinking Water

Lab ID: 1612J50-080 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235997	1	01/07/2017 01:19	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 88 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-RS-004-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:20:00 AM

Lab ID:1612J50-081Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	3.10	1.00		ug/L	235995	1	01/07/2017 01:30	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

Less than Result value

NC Not confirmed

Estimated value detected below Reporting Limit

Page 89 of 112

Lead

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-RS-004-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:21:00 AM

 Lab ID:
 1612J50-082
 Matrix:
 Drinking Water

 BRL

Analyses Result Reporting Qual Units BatchID Dilution Factor Date Analysed Analyst

Trace Elements by ICP/MS E200.8 (E200.2)

1.00

ug/L

235995

Date:

9-Jan-17

01/07/2017 01:48

JR

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 90 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-RS-005-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:25:00 AM

 Lob ID:
 16/12/50 082
 Matrix:
 Drinking Water

Lab ID:1612J50-083Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235995	1	01/07/2017 01:58	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 91 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-RS-005-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:26:00 AM

 Lab ID:
 1612J50-084
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 235995 01/07/2017 02:01 JR Lead

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 92 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-RS-006-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:51:00 AM

 Lob ID:
 16/12/50 085
 Matrix:
 Drinking Water

Lab ID:1612J50-085Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst	
Trace Elements by ICP/MS E200.8		(E200.2)							
Lead	BRL	1.00		ug/L	235995	1	01/07/2017 02:05	JR	

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 93 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-RS-006-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:52:00 AM

 Lab ID:
 1612J50-086
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 235995 01/07/2017 02:08 JR Lead

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 94 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-RS-007-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 6:35:00 AM

 Lob ID:
 16/12/50 087
 Matrix:
 Drinking Water

Lab ID:1612J50-087Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst	
Trace Elements by ICP/MS E200.8		(E200,2)							
Lead	BRL	1.00		ug/L	235995	1	01/07/2017 02:12	JR	

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 95 of 112

2055-122016-RS-007-B **Client:** Atlanta Environmental Mgmt **Client Sample ID:** Project Name: DCSD - 2055 **Collection Date:** 12/20/2016 6:36:00 AM Lab ID: 1612J50-088 Matrix: Drinking Water

Reporting Dilution BatchID Result Qual Units

Analyses Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 235995 01/07/2017 02:15 JR Lead

Date:

9-Jan-17

Qualifiers:

Value exceeds maximum contaminant level

BRL Below reporting limit

Н Holding times for preparation or analysis exceeded

Analyte not NELAC certified

Analyte detected in the associated method blank

Greater than Result value

Estimated (value above quantitation range)

Spike Recovery outside limits due to matrix

See case narrative

Not confirmed

Less than Result value

Estimated value detected below Reporting Limit

Page 96 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-RS-008-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:03:00 AM

Lab ID:1612J50-089Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8	(E200.2)							
Lead	BRL	1.00		ug/L	235995	1	01/07/2017 02:19	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 97 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-RS-008-B

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:04:00 AM

 Lob ID:
 16/12/50, 000
 Matrix:
 Drinking Water

Lab ID:1612J50-090Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst	
Trace Elements by ICP/MS E200.8		(E200.2)							
Lead	BRL	1.00		ug/L	235995	1	01/07/2017 02:22	JR	

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative
NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 98 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-OT-001-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:35:00 AM

Lab ID:1612J50-091Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235995	1	01/07/2017 01:40	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Client:Atlanta Environmental MgmtClient Sample ID:2055-122016-OT-001-BProject Name:DCSD - 2055Collection Date:12/20/2016 5:36:00 AMLab ID:1612J50-092Matrix:Drinking Water

Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS	E200.8				(E 2	200.2)			
Lead		1.47	1.00		ug/L	235995	5 1	01/07/2017 02:26	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

Less than Result value

NC Not confirmed

Estimated value detected below Reporting Limit

Page 100 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-CS-001-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:33:00 AM

 Lob ID:
 16/12/50, 002
 Matrix:
 Drinking Water

Lab ID:1612J50-093Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235995	1	01/07/2017 02:29	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 101 of 112

Client: Atlanta Environmental Mgmt **Client Sample ID:** 2055-122016-CS-001-B Project Name: DCSD - 2055 **Collection Date:** 12/20/2016 5:34:00 AM Lab ID: 1612J50-094 Matrix: Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 235995 01/07/2017 02:40 JR Lead

Qualifiers:

Value exceeds maximum contaminant level

BRL Below reporting limit

Н Holding times for preparation or analysis exceeded

Analyte not NELAC certified

Analyte detected in the associated method blank

Greater than Result value

Estimated (value above quantitation range)

Spike Recovery outside limits due to matrix

See case narrative

Not confirmed

Less than Result value

Page 102 of 112 Estimated value detected below Reporting Limit

Date:

9-Jan-17

Client:Atlanta Environmental MgmtClient Sample ID:2055-122016-IM-001-AProject Name:DCSD - 2055Collection Date:12/20/2016 5:35:00 AMLab ID:1612J50-095Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E2	00.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	235995	1	01/07/2017 02:43	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 103 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-IM-002-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:38:00 AM

 Lab ID:
 1612J50-096
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 235995 01/07/2017 02:47 JR Lead

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 104 of 112

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-122016-SC-001-A

 Project Name:
 DCSD - 2055
 Collection Date:
 12/20/2016 5:54:00 AM

Lab ID: 1612J50-097 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E 2	200.2)			
Lead	5.19	1.00		ug/L	235964	1	01/05/2017 18:17	JR

Date:

9-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

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Sample/Cooler Receipt Checklist

Client AEM		Work Orde	r Number	1612550
Checklist completed by Muawilawar 12/2 Signature Date	<i>20 30 14</i> e			
Carrier name: FedEx UPS Courier Client US	S Mail Other	r		
Shipping container/cooler in good condition?	Yes _	No	Not Present	
Custody seals intact on shipping container/cooler?	Yes	No	Not Present	
Custody seals intact on sample bottles?	Yes	No	Not Present	
Container/Temp Blank temperature in compliance? (0°≤6°C)	*Yes	No		
Cooler #1 AFC Cooler #2 4.9°C Cooler #3	Cooler #4	Cod	oler#5 Co	ooler #6
Chain of custody present?	Yes	No		
Chain of custody signed when relinquished and received?	Yes _	No		
Chain of custody agrees with sample labels?	Yes _	No		
Samples in proper container/bottle?	Yes _	No		
Sample containers intact?	Yes _	No		
Sufficient sample volume for indicated test?	Yes _	No		
All samples received within holding time?	Yes _	No		
Was TAT marked on the COC?	Yes _	No		
Proceed with Standard TAT as per project history?	Yes	No _	Not Applicable	
Water - VOA vials have zero headspace? No VOA vials su	ubmitted	Yes _	No	
Water - pH acceptable upon receipt?	Yes	No _	Not Applicable	
Adjusted?	Che	cked by	W	
Sample Condition: Good Other(Explain)				
(For diffusive samples or AIHA lead) Is a known blank include	ded? Yes	Ŋ	10	

See Case Narrative for resolution of the Non-Conformance.

\\Aes_server\l\Sample Receipt\\My Documents\COCs and pH Adjustment Sheet\Sample_Cooler_Recipt_Checklist_Rev1.rtf

^{*} Samples do not have to comply with the given range for certain parameters.

Atlanta Environmental Mgmt **Client:**

Project Name: DCSD - 2055 Workorder: 1612J50

ANALYTICAL QC SUMMARY REPORT

Date:

9-Jan-17

BatchID: 235964

Sample ID: MB-235964 SampleType: MBLK	Client ID:	Trace Elements by ICP/N	1S E200.8		Uni	ts: ug/L	Prep Date: Analysis Date:	01/05/2017	Run No: 333627 Seq No: 7273612
SampleType. WIBLK	resicoue.	Trace Elements by Te17N	15 1200.0		Dai	CIIID. 235904	Allalysis Date.	01/05/2017	seq No. 7273012
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Res	f Val %RPD	RPD Limit Qual
Lead	BRL	1.00							
Sample ID: LCS-235964	Client ID:				Uni	ts: ug/L	Prep Date:	01/05/2017	Run No: 333627
SampleType: LCS	TestCode:	Trace Elements by ICP/M	IS E200.8		Bat	chID: 235964	Analysis Date:	01/05/2017	Seq No: 7273613
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Res	f Val %RPD	RPD Limit Qual
Lead	102.3	1.00	100.0	0.06122	102	85	115		
Sample ID: 1612E51-051AMS	Client ID:				Uni	ts: ug/L	Prep Date:	01/05/2017	Run No: 333627
SampleType: MS	TestCode:	Trace Elements by ICP/N	1S E200.8		Bat	chID: 235964	Analysis Date:	01/05/2017	Seq No: 7273615
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Res	f Val %RPD	RPD Limit Qual
Lead	125.6	1.00	100.0	22.51	103	70	130		
Sample ID: 1612M00-001AMS	Client ID:				Uni	ts: ug/L	Prep Date:	01/05/2017	Run No: 333627
SampleType: MS	TestCode:	Trace Elements by ICP/M	IS E200.8		Bat	chID: 235964	Analysis Date:	01/05/2017	Seq No: 7273618
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Res	f Val %RPD	RPD Limit Qual
Lead	199.1	1.00	100.0	97.01	102	70	130		
Sample ID: 1612E51-051AMSD	Client ID:				Uni	ts: ug/L	Prep Date:	01/05/2017	Run No: 333627
SampleType: MSD	TestCode:	Trace Elements by ICP/N	IS E200.8			chID: 235964	Analysis Date:	01/05/2017	Seq No: 7273616
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Res	f Val %RPD	RPD Limit Qual
Lead	122.6	1.00	100.0	22.51	100	70	130 125.6	2.39	20

Qualifiers: Greater than Result value

> BRL Below reporting limit

Estimated value detected below Reporting Limit

Rpt Lim Reporting Limit

S Spike Recovery outside limits due to matrix

E Estimated (value above quantitation range)

Less than Result value

N Analyte not NELAC certified

B Analyte detected in the associated method blank

Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

Page 107 of 112

Client: Atlanta Environmental Mgmt

Project Name: DCSD - 2055 **Workorder:** 1612J50

ANALYTICAL QC SUMMARY REPORT

Date:

9-Jan-17

BatchID: 235994

Sample ID: MB-235994	Client ID:				Uni	its: ug/L	Prep Date:	01/06/2017	Run No: 333750
SampleType: MBLK	TestCode:	Trace Elements by ICP/M	IS E200.8		Bat	chID: 235994	Analysis D	ate: 01/06/2017	Seq No: 7275865
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPI	Ref Val %R	RPD RPD Limit Qual
Lead	BRL	1.00							
Sample ID: LCS-235994 SampleType: LCS	Client ID:	Trace Elements by ICP/M	IS E200.8		Uni	its: ug/L chID: 235994	Prep Date:	01/06/2017 ate: 01/06/2017	Run No: 333750 Seq No: 7275866
SumpleType. Les	restcode.	J			But	CIIID. 200774	7 Harysis D	utc. 01/00/2017	56q 110. 7275000
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPI	Ref Val %R	RPD RPD Limit Qual
Lead	101.9	1.00	100.0		102	85	115		
Sample ID: 1612J50-001AMS SampleType: MS	Client ID: TestCode:	2055-122016-DF-001 Trace Elements by ICP/M			Uni Bat	its: ug/L chID: 235994	Prep Date: Analysis D	01/06/2017 ate: 01/06/2017	Run No: 333750 Seq No: 7275868
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPI	Ref Val %R	RPD RPD Limit Qual
Lead	107.2	1.00	100.0	0.1460	107	70	130		
Sample ID: 1612J50-011AMS SampleType: MS	Client ID: TestCode:	2055-122016-DF-006 Trace Elements by ICP/M			Uni Bat	its: ug/L chID: 235994	Prep Date: Analysis D	01/06/2017 ate: 01/06/2017	Run No: 333750 Seq No: 7275871
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPI	Ref Val %R	RPD RPD Limit Qual
ead	104.7	1.00	100.0	0.4514	104	70	130		
Sample ID: 1612J50-001AMSD SampleType: MSD	Client ID: TestCode:	2055-122016-DF-001 Trace Elements by ICP/M			Uni Bat	its: ug/L chID: 235994	Prep Date: Analysis D	01/06/2017 ate: 01/06/2017	Run No: 333750 Seq No: 7275869
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPI	Ref Val %R	RPD RPD Limit Qual
ead	107.1	1.00	100.0	0.1460	107	70	130	07.2 0.0	097 20

Qualifiers: > Greater than Result value

BRL Below reporting limit

Rpt Lim Reporting Limit

J Estimated value detected below Reporting Limit

< Less than Result value

E Estimated (value above quantitation range)

N Analyte not NELAC certified

S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank

H Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

Page 108 of 112

Client: Atlanta Environmental Mgmt

Project Name: DCSD - 2055 Workorder: 1612J50

ANALYTICAL QC SUMMARY REPORT

Date:

9-Jan-17

BatchID: 235995

Sample ID: MB-235995	Client ID:				Uni	ts: ug/L	Prep Date:	01/06/2017	Run No: 333754
SampleType: MBLK	TestCode:	Trace Elements by ICP/M	S E200.8		Bato	chID: 235995	Analysis Date:	01/07/2017	Seq No: 7276049
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Lead	BRL	1.00							
Sample ID: LCS-235995 SampleType: LCS	Client ID: TestCode:	Trace Elements by ICP/M	S E200.8		Unit Bate	ts: ug/L chID: 235995	Prep Date: Analysis Date:	01/06/2017 01/07/2017	Run No: 333754 Seq No: 7276050
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	ef Val %RPD	RPD Limit Qual
Lead	102.8	1.00	100.0		103	85	115		
Sample ID: 1612J50-081AMS SampleType: MS		2055-122016-RS-004- Trace Elements by ICP/M			Unit Bato	ts: ug/L chID: 235995	Prep Date: Analysis Date:	01/06/2017 01/07/2017	Run No: 333754 Seq No: 7276053
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	ef Val %RPD	RPD Limit Qual
Lead	104.2	1.00	100.0	3.101	101	70	130		
Sample ID: 1612J50-091AMS SampleType: MS		2055-122016-OT-001 Trace Elements by ICP/M			Unit Bate	ts: ug/L chID: 235995	Prep Date: Analysis Date:	01/06/2017 01/07/2017	Run No: 333754 Seq No: 7276058
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Lead	110.0	1.00	100.0		110	70	130		
Sample ID: 1612J50-081AMSD SampleType: MSD		2055-122016-RS-004- Trace Elements by ICP/M			Uni Bate	ts: ug/L chID: 235995	Prep Date: Analysis Date:	01/06/2017 01/07/2017	Run No: 333754 Seq No: 7276055
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	ef Val %RPD	RPD Limit Qual
Lead	108.0	1.00	100.0	3.101	105	70	130 104	2 3.55	20

Qualifiers: Greater than Result value

> BRL Below reporting limit

Estimated value detected below Reporting Limit

N Analyte not NELAC certified Rpt Lim Reporting Limit

S Spike Recovery outside limits due to matrix

E Estimated (value above quantitation range)

Less than Result value

B Analyte detected in the associated method blank

Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

Page 109 of 112

Client: Atlanta Environmental Mgmt

Project Name: DCSD - 2055 Workorder: 1612J50

ANALYTICAL QC SUMMARY REPORT

Date:

9-Jan-17

BatchID: 235996

Sample ID: MB-235996	Client ID:				Uni		Prep Date:	01/06/2017	Run No: 333752
SampleType: MBLK	TestCode:	Trace Elements by ICP/M	IS E200.8		Bato	chID: 235996	Analysis Date:	01/06/2017	Seq No: 7275945
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	ef Val %RPI	RPD Limit Qual
Lead	BRL	1.00							
Sample ID: LCS-235996	Client ID:				Uni	s: ug/L	Prep Date:	01/06/2017	Run No: 333752
SampleType: LCS	TestCode:	Trace Elements by ICP/M	IS E200.8		Bato	chID: 235996	Analysis Date:	01/06/2017	Seq No: 7275946
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	ef Val %RPE	RPD Limit Qual
Lead	104.4	1.00	100.0		104	85	115		
Sample ID: 1612J50-041AMS		2055-122016-DF-020			Uni	s: ug/L	Prep Date:	01/06/2017	Run No: 333752
SampleType: MS	TestCode:	Trace Elements by ICP/M	IS E200.8		Bato	chID: 235996	Analysis Date:	01/06/2017	Seq No: 7275948
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	ef Val %RPE	RPD Limit Qual
Lead	106.5	1.00	100.0	0.1941	106	70	130		
Sample ID: 1612J50-051AMS	Client ID:	2055-122016-DF-025	5-B		Uni	s: ug/L	Prep Date:	01/06/2017	Run No: 333752
SampleType: MS	TestCode:	Trace Elements by ICP/M	IS E200.8		Bato	chID: 235996	Analysis Date:	01/06/2017	Seq No: 7275951
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPI	RPD Limit Qual
Lead	106.0	1.00	100.0	0.2748	106	70	130		
Sample ID: 1612J50-041AMSD		2055-122016-DF-020			Uni	s: ug/L	Prep Date:	01/06/2017	Run No: 333752
SampleType: MSD	TestCode:	Trace Elements by ICP/M	IS E200.8		Bato	chID: 235996	Analysis Date:	01/06/2017	Seq No: 7275949
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	ef Val %RPI	RPD Limit Qual
Lead	105.8	1.00	100.0	0.1941	106	70	130 106.3	5 0.667	7 20

Qualifiers: Greater than Result value

> BRL Below reporting limit

Rpt Lim Reporting Limit

Estimated value detected below Reporting Limit

Less than Result value

E Estimated (value above quantitation range)

N Analyte not NELAC certified

S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank

Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

Page 110 of 112

Client: Atlanta Environmental Mgmt

Project Name: DCSD - 2055 Workorder: 1612J50

ANALYTICAL QC SUMMARY REPORT

Date:

9-Jan-17

BatchID: 235997

Sample ID: MB-235997	Client ID:				Uni		Prep Date:	01/06/2017	Run No: 333753
SampleType: MBLK	TestCode:	Trace Elements by ICP/M	1S E200.8		Bato	chID: 235997	Analysis Date:	01/06/2017	Seq No: 7275984
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	ef Val %RPI	RPD Limit Qual
Lead	BRL	1.00							
Sample ID: LCS-235997 SampleType: LCS	Client ID: TestCode:	Trace Elements by ICP/M	1S E200.8		Uni Bate	ts: ug/L chID: 235997	Prep Date: Analysis Date:	01/06/2017 01/06/2017	Run No: 333753 Seq No: 7275985
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPI	RPD Limit Qual
Lead	103.3	1.00	100.0		103	85	115		
Sample ID: 1612J50-061AMS SampleType: MS		2055-122016-DF-030 Trace Elements by ICP/M			Uni Bato	ts: ug/L chID: 235997	Prep Date: Analysis Date:	01/06/2017 01/06/2017	Run No: 333753 Seq No: 7275989
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	ef Val %RPI	RPD Limit Qual
Lead	102.3	1.00	100.0	0.2969	102	70	130		
Sample ID: 1612J50-071AMS SampleType: MS		2055-122016-TL-003 Trace Elements by ICP/M			Uni Bate	ts: ug/L chID: 235997	Prep Date: Analysis Date:	01/06/2017 01/07/2017	Run No: 333753 Seq No: 7275995
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPI	RPD Limit Qual
Lead	97.83	1.00	100.0	0.5508	97.3	70	130		
Sample ID: 1612J50-061AMSD SampleType: MSD		2055-122016-DF-030 Trace Elements by ICP/M			Uni Bate	ts: ug/L chID: 235997	Prep Date: Analysis Date:	01/06/2017 01/06/2017	Run No: 333753 Seq No: 7275990
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPI	RPD Limit Qual
Lead	101.1	1.00	100.0	0.2969	101	70	130 102	3 1.13	20

Qualifiers: > Greater than Result value

BRL Below reporting limit

Rpt Lim Reporting Limit

J Estimated value detected below Reporting Limit

< Less than Result value

E Estimated (value above quantitation range)

N Analyte not NELAC certified

S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank

H Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

Page 111 of 112

Client: Atlanta Environmental Mgmt

Project Name: DCSD - 2055 **Workorder:** 1612J50

ANALYTICAL QC SUMMARY REPORT

Date:

9-Jan-17

BatchID: 235998

Sample ID: MB-235998	Client ID:				Uni		Prep Date:	01/06/2017	Run No: 333751
SampleType: MBLK	TestCode:	Trace Elements by ICP/M	1S E200.8		Bate	chID: 235998	Analysis Date:	01/06/2017	Seq No: 7275904
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Lead	BRL	1.00							
Sample ID: LCS-235998 SampleType: LCS	Client ID: TestCode:	Trace Elements by ICP/M	1S E200.8		Uni Bate	ts: ug/L chID: 235998	Prep Date: Analysis Date:	01/06/2017 01/06/2017	Run No: 333751 Seq No: 7275905
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Lead	102.4	1.00	100.0		102	85	115		
Sample ID: 1612J50-021AMS SampleType: MS		2055-122016-DF-010 Trace Elements by ICP/M	-		Uni Bate	ts: ug/L chID: 235998	Prep Date: Analysis Date:	01/06/2017 01/06/2017	Run No: 333751 Seq No: 7275909
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Lead	104.2	1.00	100.0	0.1338	104	70	130		
Sample ID: 1612J50-031AMS SampleType: MS		2055-122016-DF-015 Trace Elements by ICP/M			Uni Bate	ts: ug/L chID: 235998	Prep Date: Analysis Date:	01/06/2017 01/06/2017	Run No: 333751 Seq No: 7275912
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Lead	101.6	1.00	100.0	0.1860	101	70	130		
Sample ID: 1612J50-021AMSD SampleType: MSD		2055-122016-DF-010 Trace Elements by ICP/M	-		Uni Bate	ts: ug/L chID: 235998	Prep Date: Analysis Date:	01/06/2017 01/06/2017	Run No: 333751 Seq No: 7275910
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Lead	107.5	1.00	100.0	0.1338	107	70	130 104.2	2 3.09	20

Qualifiers: > Greater than Result value

BRL Below reporting limit

Rpt Lim Reporting Limit

J Estimated value detected below Reporting Limit

< Less than Result value

E Estimated (value above quantitation range)

N Analyte not NELAC certified

S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank

H Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

Page 112 of 112

Leona Miles

From: NoReply@aesatlanta.net

Sent: Monday, June 12, 2017 11:31 AM

To: leona-miles@aem-net.com; tim-royer@aem-net.com

Subject: DCSD - 2055

Attachments: 1705Q03_REPORT.pdf; 1705Q03Invoice.pdf

Please see attached. If you have any questions or need further assistance please contact your project manager at 770-457-8177.

AES Reporting System

ANALYTICAL ENVIRONMENTAL SERVICES,INC. 3080 Presidential Drive ATLANTA,GA 30340 Tel:770-457-8177 Fax:770-457-8188 http://www.aesatlanta.com

NOTICE OF CONFIDENTIALITY: The information in this email and / or attachments may be legally privileged and is confidential information intended for the use of the individual or entity named in the email address. If the reader of this message is not the intended recipient, you are hereby notified that any use, dissemination, distribution, or copy of this email and / or attachments is strictly prohibited. If you have received this email in error, please notify Analytical Environmental Services Customer Service by telephone at (770) 457-8177 or by email at info@aesatlanta.com <mailto:info@aesatlanta.com> and delete the message. Thank you

ANALYTICAL ENVIRONMENTAL SERVICES, INC.



June 12, 2017

Leona Miles

Atlanta Environmental Mgmt

2580 NE Expressway

Atlanta

GA

30345

RE:

DCSD - 2055

Dear Leona Miles:

Order No:

1705Q03

Analytical Environmental Services, Inc. received

20 samples on

5/26/2017 8:40:00 AM

for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated

Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES's accreditations are as follows:

-NELAC/Florida State Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, and Drinking Water Microbiology, effective 07/01/16-06/30/17.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective 07/01/16-06/30/17 and Total Coliforms and E. coli, effective 04/25/17-04/24/20.

-NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/16-06/30/17.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Ioana Pacurar

Project Manager

Ivana Pacurar

Work Order: 1205Q03

AES

3080 Presidential Drive, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

Date:	5/20)	Page	1	_ of	2

COMPANY:		ADDRESS: 2580 Northeast Expressway, NE						ΑN	IALY	/SIS	REQU	JESTE	ED			,	Visit our website			
	Atlanta Environmental Management, Inc		Atlanta, GA	•	1 (331) 11	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	8.			T									w.aesatlanta.com	
		FAX:					Method 200.8												neck on the status of results, place bottle	ers
PHONE:	(404) 329-9006		(404) 329	-2057	A		Metho											your	orders, etc.	ontain
SAMPLED BY:	lindsey Hyde	SIGNATURE:	20	56	16-	NA _{RABARA}	Total Pb												,	# of Containers
	U a	SAN	APLED		ite	lcs)	r.			PR	ESE	ZVAT	ION (S	ee cod	es)		<u> </u>	_		Š
#	SAMPLE ID			ą	Composite	Matrix (See codes)	, 1		Т	\top	T	T	T		T				REMARKS	
		DATE	TIME	Grab	ပိ		I		_	\dashv	+	-	+	+	-	+		_		$\neg \neg$
1	2055-052617-DF-018-A	5/26/2017	054D	X		DW	\times			_	- -	-	+	+	+	+	+			
. 2	2055-052617-DF-018-B	5/26/2017	0541	X		DW	X		-	_	+		-	+	+	-	+-+			
3	2055-052617-DF-024-A	5/26/2017	(D2)	X		DW	X		-	+	+	_	\dashv	-	+	_	\vdash			
4	2055-052617-DF-024-B	5/26/2017	0536	X		DW	X		-	-	+	\dashv		-	-	-	++			
5	2055-052617-CS-002-A	5/26/2017	0503	X		DW	$\langle \cdot $		_	_	-	\dashv	\dashv	-	+		+			-
6	2055-052617-CS-002-B	5/26/2017	0504	X		DW	×	_	_	-	+			_	+	-	╁┼			-
7	2055-052617-CS-003-A	5/26/2017	0202	X		DW	X.		_	_		-	\dashv	+	+	-	-	_		
8	2055-052617-CS-003-B	5/26/2017	0500	X		DW	Δ				+			+	_		++	_		and the same of th
9	2055-052617-CS-004-A	5/26/2017	0507	X		DW	X		_		_		_	\dashv	+					
10	2055-052617-CS-004-B	5/26/2017	0508	X		DW	X.		-	_		_	-	_	_ -		╀╌┼			-($-$
11	2055-052617-CS-005-A	5/26/2017	0510	X		DW	X		_		\perp	_			-		++	_		
12	2055-052617-CS-005-B	5/26/2017	0211	X		DW	X		_	-	-	\dashv	\dashv	_	-		+			,
13	2055-052617-CS-006-A	5/26/2017	0513	X		DW	X				_		_	_	_		+	_		1 ,
14	2055-052617-CS-006-B	5/26/2017	0513	X		DW	X				\perp		\dashv		_	_		_		10
15	2055-052617-CS-007-A	5/26/2017	0514	X		DW	X								(0)				RECEIPT	<u> </u>
RELINQUISHED	BY DATE/TIME	1:00	<u> </u>			DATE/TIME	PROJ	ECT N	AME:	P	ROJI	ECTI	NFOI	MAT	ION			_	Total # of Containers	
	MADRIC Sladin 0839	12/1		1/26	/17	0839				Γ	CS	D							Total # of Containers	
2:	A. I.	2://	//	-		12/17	PROJ	ECT#	:		1:	561-						ہ ⊢	Turnaround Time Request	
bish	5/26/17 0840	ALM	1+ ac	7		1840	SITE	ADDR	ESS:			2	055					18		
3: ///		3.	•				CENI) DED	ORT TO	- I	eor	ıa M	liles	and '	Tim	Roye	r	\dashv \succeq	-	
/ /		CHIM IENT METHOD			+-	DICE T		J. I								7)		
SPECIAL INSTR	UCTIONS/COMMENTS:							ROM A	BOV	E)							Other: 10 business Days			
Preserve at the I	ab per protocol	IN / VIA:				leona	-miles@	@aem-n	et.cor	n; tim	-royer	@aem-	net.com	1			E PROGRAM (if any):	-		
		1		PS MA	IL COU	JRIER	OUOTE #: PO#:					nil? Y/N; Fax? Y/N A PACKAGE: I II III	IV							
		1		THER_			ì		N CO	CAFE	wii	DD/			STANI) ARD T	AT.			
SAMPLES REC	EIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS	RECEIVED ON	THE NEXT BU	SINESS	DAY; IF	NO TAT IS	MARI	VED O	in CO	C AES	WIL	LTRU	J C E E	D AO	, 1 (3) (1)	,, HD 1				
SAMPLES ARE	DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT	UNLESS OTE	IER ARRANGE	HENIS	AND MA	DE.														

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

Work Order:

Date: 5/26/17 Page 2 of 2 TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188 ADDRESS: COMPANY: ANALYSIS REOUESTED Visit our website 2580 Northeast Expressway, NE Atlanta Environmental Management, Inc www.aesatlanta.com Atlanta, GA 30345 Method 200.8 to check on the status of No # of Containers FAX: your results, place bottle PHONE: (404) 329-2057 (404) 329-9006 orders, etc. SIGNATURE: SAMPLED BY: Total Pb SAMPLED Matrix (See codes) PRESERVATION (See codes) # SAMPLE ID REMARKS DATE TIME DW \mathbf{X} 2055-052617-CS-007-B 5/26/2017 DW X 5/26/2017 2055-052617-TL-001-A X \mathbf{DW} 2055-052617-TL-001-B 5/26/2017 DW \mathbf{X} 2055-052617-TL-004-A 5/26/2017 \mathbf{DW} X 2055-052617-TL-004-B 5/26/2017 5 6 8 9 10 11 12 13 14 15 RECEIPT PROJECT INFORMATION DATE/TIME RECEIVED BY RELINQUISHED BY 5/24/17 0839 PROJECT NAME: Total # of Containers **DCSD** Turnaround Time Request 1561-1601 PROJECT #: Standard 5 Business Days 2055 0840 SITE ADDRESS: 0 2 Business Day Rush O Leona Miles and Tim Royer Next Business Day Rush SEND REPORT TO: Same Day Rush (auth req.) INVOICE TO: SHIPMENT METHOD SPECIAL INSTRUCTIONS/COMMENTS: (IF DIFFERENT FROM ABOVE) Other: 10 business Days VIA: OUT STATE PROGRAM (if any): leona-miles@aem-net.com; tim-royer@aem-net.com VIA: Preserve at the Lab per protocol Fax? Y/N E-mail? Y/N; FedEx UPS MAIL COURIER (LIENT DATA PACKAGE: I II III IV QUOTE #: GREYHOUND OTHER SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT. SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

GW = Groundwater SE = Sediment SO = Soil SW = Surface Water DW=Drinking Water W = Water (BlanDF) O = Other (specify) MATRIX CODES: A = Air

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-052617-DF-018-A

 Project Name:
 DCSD - 2055
 Collection Date:
 5/26/2017 5:40:00 AM

 Lab ID:
 1705Q03-001
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.	8			(E2	200.2)			
Lead	1.01	1.00		ug/L	243685	1	06/08/2017 00:52	JR

Date:

12-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Client Sample ID: 2055-052617-DF-018-B Client: Atlanta Environmental Mgmt Project Name: DCSD - 2055 **Collection Date:** 5/26/2017 5:41:00 AM Lab ID: 1705Q03-002 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8	3			(E2	200.2)			
Lead	1 69	1.00		ug/L	243684	. 1	06/08/2017 00:08	IR

Date:

12-Jun-17

Qualifiers:

Value exceeds maximum contaminant level

BRL Below reporting limit

Н Holding times for preparation or analysis exceeded

Analyte not NELAC certified

Analyte detected in the associated method blank

Greater than Result value

E Estimated (value above quantitation range)

Spike Recovery outside limits due to matrix

Narr See case narrative

Less than Result value

Not confirmed

Estimated value detected below Reporting Limit

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-052617-DF-024-A

 Project Name:
 DCSD - 2055
 Collection Date:
 5/26/2017 5:35:00 AM

 Lab ID:
 1705Q03-003
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	00.2)			
Lead	3.36	1.00		ug/L	243684	1	06/08/2017 00:14	JR

Date:

12-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Client:Atlanta Environmental MgmtClient Sample ID:2055-052617-DF-024-BProject Name:DCSD - 2055Collection Date:5/26/2017 5:36:00 AMLab ID:1705Q03-004Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E2	00.8			(E2	200.2)			
Lead	2.39	1.00		ug/L	243684	1	06/08/2017 00:20	JR

Date:

12-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-052617-CS-002-A

 Project Name:
 DCSD - 2055
 Collection Date:
 5/26/2017 5:03:00 AM

 Lab ID:
 1705Q03-005
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E2	00.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	243684	. 1	06/08/2017 00:27	JR

Date:

12-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 8 of 26

Client:Atlanta Environmental MgmtClient Sample ID:2055-052617-CS-002-BProject Name:DCSD - 2055Collection Date:5/26/2017 5:04:00 AMLab ID:1705Q03-006Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	243684	. 1	06/08/2017 00:33	IR

Date:

12-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-052617-CS-003-A

 Project Name:
 DCSD - 2055
 Collection Date:
 5/26/2017 5:05:00 AM

 Lab ID:
 1705Q03-007
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E2	200.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	243685	1	06/08/2017 01:36	JR

Date:

12-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 10 of 26

Client:Atlanta Environmental MgmtClient Sample ID:2055-052617-CS-003-BProject Name:DCSD - 2055Collection Date:5/26/2017 5:06:00 AMLab ID:1705Q03-008Matrix:Drinking Water

Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS	E200.8				(E2	200.2)			
Lead		BRL	1.00		ug/L	243685	1	06/08/2017 01:43	JR

Date:

12-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative
NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 11 of 26

Client:Atlanta Environmental MgmtClient Sample ID:2055-052617-CS-004-AProject Name:DCSD - 2055Collection Date:5/26/2017 5:07:00 AMLab ID:1705Q03-009Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	00.2)			
Lead	BRL	1.00		ug/L	243685	1	06/08/2017 01:49	JR

Date:

12-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 12 of 26

Client:Atlanta Environmental MgmtClient Sample ID:2055-052617-CS-004-BProject Name:DCSD - 2055Collection Date:5/26/2017 5:08:00 AMLab ID:1705Q03-010Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E2	00.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	243685	1	06/08/2017 01:55	JR

Date:

12-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 13 of 26

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-052617-CS-005-A

 Project Name:
 DCSD - 2055
 Collection Date:
 5/26/2017 5:10:00 AM

 Lab ID:
 1705Q03-011
 Matrix:
 Drinking Water

Analyses	F	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS F	E 200.8				(E2	200.2)			
Lead		BRL	1.00		ug/L	243685	1	06/08/2017 01:24	JR

Date:

12-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 14 of 26

Client:Atlanta Environmental MgmtClient Sample ID:2055-052617-CS-005-BProject Name:DCSD - 2055Collection Date:5/26/2017 5:11:00 AMLab ID:1705Q03-012Matrix:Drinking Water

Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS	E200.8				(E 2	200.2)			
Lead		BRL	1.00		ug/L	243685	1	06/08/2017 02:02	JR

Date:

12-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-052617-CS-006-A

 Project Name:
 DCSD - 2055
 Collection Date:
 5/26/2017 5:12:00 AM

 Lab ID:
 1705Q03-013
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2)1.75 1.00 ug/L 243685 06/08/2017 02:08 JR Lead

Date:

12-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 16 of 26

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-052617-CS-006-B

 Project Name:
 DCSD - 2055
 Collection Date:
 5/26/2017 5:13:00 AM

 Lab ID:
 1705Q03-014
 Matrix:
 Drinking Water

Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS	E200.8				(E2	200.2)			
Lead		BRL	1.00		ug/L	243685	1	06/08/2017 02:14	JR

Date:

12-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 17 of 26

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-052617-CS-007-A

 Project Name:
 DCSD - 2055
 Collection Date:
 5/26/2017 5:14:00 AM

 Lab ID:
 1705Q03-015
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS EX	200.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	243685	1	06/08/2017 02:33	JR

Date:

12-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 18 of 26

Client:Atlanta Environmental MgmtClient Sample ID:2055-052617-CS-007-BProject Name:DCSD - 2055Collection Date:5/26/2017 5:15:00 AMLab ID:1705Q03-016Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E	200.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	243685	1	06/08/2017 02:40	JR

Date:

12-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 19 of 26

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-052617-TL-001-A

 Project Name:
 DCSD - 2055
 Collection Date:
 5/26/2017 5:17:00 AM

 Lab ID:
 1705Q03-017
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2)3.26 1.00 ug/L 243685 06/08/2017 02:46 JR Lead

Date:

12-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 20 of 26

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-052617-TL-001-B

 Project Name:
 DCSD - 2055
 Collection Date:
 5/26/2017 5:18:00 AM

 Lab ID:
 1705Q03-018
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E2	00.8			(E2	200.2)			
Lead	1.25	1.00		ug/L	243685	1	06/08/2017 02:52	JR

Date:

12-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 21 of 26

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-052617-TL-004-A

 Project Name:
 DCSD - 2055
 Collection Date:
 5/26/2017 5:28:00 AM

 Lab ID:
 1705Q03-019
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E20).8			(E2	200.2)			
Lead	24.3	1.00		ug/L	243685	1	06/08/2017 02:59	JR

Date:

12-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 22 of 26

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-052617-TL-004-B

 Project Name:
 DCSD - 2055
 Collection Date:
 5/26/2017 5:29:00 AM

 Lab ID:
 1705Q03-020
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E	E200.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	243685	1	06/08/2017 03:05	JR

Date:

12-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

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SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name:				AES Work Order Number	:
2. Carrier: FedEx UPS USPS Client Courier Other					
	Yes	No	N/A	Details	Comments
3. Shipping container/cooler received in good condition?				damaged leaking other	
4. Custody seals present on shipping container?					
5. Custody seals intact on shipping container?					
6. Temperature blanks present?					
Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for				Cooling initiated for recently collected samples / ice	
7. temperature recordings.]				present	
8. Chain of Custody (COC) present?					
9. Chain of Custody signed, dated, and timed when relinquished and received?					
10. Sampler name and/or signature on COC?					
11. Were all samples received within holding time?					
12. TAT marked on the COC?				If no TAT indicated, proceeded with standard TAT per Te	rms & Conditions
	1	I	1	in the transmission proceeded with occurrence transport	
13. Cooler 1 Temperature OC Cooler 2 Temperature		(C	Cooler 3 Temperature OC Coole	r 4 Temperature °C
					8 Temperature °C
Cooler 5 Temperature°C Cooler 6 Temperature			-	Cooler / Temperature C Cooler	8 remperature *C
15. Comments:					
				I certify that I have co	mpleted sections 1-15 (dated initials).
	Yes	No	N/A	Details	Comments
16. Were sample containers intact upon receipt?					
17. Custody seals present on sample containers?					
18. Custody seals intact on sample containers?					
				incomplete info illegible	
19. Do sample container labels match the COC?				no label	
20. Are analyses requested indicated on the COC?					
				samples received but not listed on COC	
21. Were all of the samples listed on the COC received?				samples listed on COC not received	
22. Was the sample collection date/time noted?				sumples listed on eoc not received	
23. Did we receive sufficient sample volume for indicated analyses?					
24. Were samples received in appropriate containers?					
25. Were VOA samples received without headspace (< 1/4" bubble)?					
26. Were trip blanks submitted?				listed on COC not listed on COC	
20. Were trip piants submitted:	<u> </u>	<u> </u>	<u> </u>	listed on COC not listed on COC	<u> </u>
27. Comments:					
				L certify that I have co	
					mpleted sections 16-27 (dated initials).
	Vac	No	N/A	•	mpleted sections 16-27 (dated initials)
28 Have containers needing chemical preservation been checked?	Yes	No	N/A	Details	Comments
28. Have containers needing chemical preservation been checked?	Yes	No	N/A	•	•
28. Have containers needing chemical preservation been checked?29. Containers meet preservation guidelines?30. Was pH adjusted?	Yes	No	N/A	•	•

Client: Atlanta Environmental Mgmt

Project Name: DCSD - 2055 **Workorder:** 1705Q03

ANALYTICAL QC SUMMARY REPORT

Date:

12-Jun-17

BatchID: 243684

Sample ID: MB-243684	Client ID:				Uni	its: ug/L	Prep Date:	06/07/2017	Run No: 344975
SampleType: MBLK	TestCode:	Trace Elements by ICP/M	IS E200.8		Bat	chID: 243684	Analysis Date:	06/07/2017	Seq No: 7570435
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Lead	BRL	1.00							
Sample ID: LCS-243684 SampleType: LCS	Client ID: TestCode:	Trace Elements by ICP/M	1S E200.8		Uni Bat	its: ug/L chID: 243684	Prep Date: Analysis Date:	06/07/2017 06/07/2017	Run No: 344975 Seq No: 7570437
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Lead	90.40	1.00	100.0		90.4	85	115		
Sample ID: 1705Q01-021AMS SampleType: MS	Client ID: TestCode:	Trace Elements by ICP/M	IS E200.8		Uni Bat	its: ug/L chID: 243684	Prep Date: Analysis Date:	06/07/2017 06/07/2017	Run No: 344975 Seq No: 7570441
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	ef Val %RPD	RPD Limit Qual
Lead	89.20	1.00	100.0	0.6574	88.5	70	130		
Sample ID: 1705Q02-004AMS SampleType: MS	Client ID: TestCode:	Trace Elements by ICP/M	IS E200.8		Uni Bat	its: ug/L chID: 243684	Prep Date: Analysis Date:	06/07/2017 06/07/2017	Run No: 344975 Seq No: 7570448
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Lead	90.93	1.00	100.0	0.6507	90.3	70	130		
Sample ID: 1705Q01-021AMSD SampleType: MSD	Client ID: TestCode:	Trace Elements by ICP/M	IS E200.8		Uni Bat	its: ug/L chID: 243684	Prep Date: Analysis Date:	06/07/2017 06/07/2017	Run No: 344975 Seq No: 7570443
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Lead	92.15	1.00	100.0	0.6574	91.5	70	130 89.2	0 3.25	20

Qualifiers: > Greater than Result value

BRL Below reporting limit

Rpt Lim Reporting Limit

J Estimated value detected below Reporting Limit

< Less than Result value

E Estimated (value above quantitation range)

N Analyte not NELAC certified

S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank

H Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

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Client: Atlanta Environmental Mgmt

Project Name: DCSD - 2055 1705Q03 Workorder:

ANALYTICAL QC SUMMARY REPORT

Date:

12-Jun-17

BatchID: 243685

Sample ID: MB-243685	Client ID:				Uni		Prep Date:	06/07/2017	Run No: 344976
SampleType: MBLK	TestCode:	Trace Elements by ICP/N	IS E200.8		Bat	chID: 243685	Analysis Date:	06/08/2017	Seq No: 7570497
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Lead	BRL	1.00							
Sample ID: LCS-243685	Client ID:				Uni	ts: ug/L	Prep Date:	06/07/2017	Run No: 344976
SampleType: LCS	TestCode:	Trace Elements by ICP/M	IS E200.8		Bat	chID: 243685	Analysis Date:	06/08/2017	Seq No: 7570498
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Lead	89.83	1.00	100.0		89.8	85	115		
Sample ID: 1705Q03-001AMS		2055-052617-DF-018			Uni	ts: ug/L	Prep Date:	06/07/2017	Run No: 344976
SampleType: MS	TestCode:	Trace Elements by ICP/M	IS E200.8		Bat	chID: 243685	Analysis Date:	06/08/2017	Seq No: 7570500
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Lead	90.83	1.00	100.0	1.010	89.8	70	130		
Sample ID: 1705Q03-011AMS	Client ID:	2055-052617-CS-005	5-A		Uni	ts: ug/L	Prep Date:	06/07/2017	Run No: 344976
SampleType: MS	TestCode:	Trace Elements by ICP/M	IS E200.8		Bat	chID: 243685	Analysis Date:	06/08/2017	Seq No: 7570505
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Lead	90.21	1.00	100.0		90.2	70	130		
Sample ID: 1705Q03-001AMSD	Client ID:	2055-052617-DF-018	3-A		Uni	ts: ug/L	Prep Date:	06/07/2017	Run No: 344976
SampleType: MSD	TestCode:	Trace Elements by ICP/M	IS E200.8		Bat	chID: 243685	Analysis Date:	06/08/2017	Seq No: 7570503
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Lead	90.90	1.00	100.0	1.010	89.9	70	130 90.8	3 0.072	20

Qualifiers: Greater than Result value

> BRL Below reporting limit

Rpt Lim Reporting Limit

Estimated value detected below Reporting Limit

Less than Result value

E Estimated (value above quantitation range)

N Analyte not NELAC certified

S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank

Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

Page 26 of 26

Leona Miles

From: NoReply@aesatlanta.net

Sent: Monday, October 16, 2017 10:56 AM

To: leona-miles@aem-net.com

Subject: DCSD - 2055

Attachments: 1710207_REPORT.pdf; 1710207Invoice.pdf

Please see attached. If you have any questions or need further assistance please contact your project manager at 770-457-8177.

AES Reporting System

ANALYTICAL ENVIRONMENTAL SERVICES,INC. 3080 Presidential Drive ATLANTA,GA 30340 Tel:770-457-8177 Fax:770-457-8188 http://www.aesatlanta.com

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ANALYTICAL ENVIRONMENTAL SERVICES, INC.



October 13, 2017

Leona Miles Atlanta Environmental Mgmt

2580 NE Expressway

Atlanta

GA

30345

RE:

DCSD - 2055

Dear Leona Miles:

Order No:

1710207

Analytical Environmental Services, Inc. received

2

samples on

10/3/2017 10:27:00 AM

for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES's accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/17-06/30/18.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective 07/01/17-06/30/18 and Total Coliforms/ E. coli, effective 04/25/17-04/24/20.

- -NELAP/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/17-06/30/18.
- -AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/17.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Ioana Pacurar

Project Manager

Ivana Pacurar

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

COMPANY:	OMPANY: ADDRESS:						_										
COMPANT.	Atlanta Environmental Management Inc	ADDRESS:	2580 North	east Ex	presswa	y NE				ANALY	SIS REC	QUESTE	D		Visit our website		
			Atlanta, GA	30345											www.aesatlanta.com		
PHONE:	Activities was	FAX:	VAN DO S	2/5/2/27			200.8)						197		to check on the status of		
	404-329-9006	Trot.	404-329-	2057			200					-			your results, place bottle	ners	
SAMPLED BY:	Tim Royer	SIGNATURE		3			Lead (orders, etc.	No # of Containers	
	,	SA	MPLED	0		9	Le									0#0	
#	SAMPLE ID	1			omposite	ix				PRESER	VATION	(See code	s)				
		DATE	TIME	Grab	Com	Matrix (See codes)	I								REMARKS		
1	2055-100317-TL-004-A	10/3/17	0457	X		DW	X										
2	2055-100317-TL-004-B	10/3/17	0458	×		DW	X									1	
3							1										
4											\top				T		
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13											\top						
14							\Box										
15							\Box										
RELINQUISHED	DATE/TIME	RECEIVED B	BY			DATE/TIME				PROJEC	T INFO	RMATIO	N		RECEIPT		
1 J -	10/3/17 1027	Top	A PACE	IRAR	0 10/3	3/17	PROJE	ECT NAN		DCSD					Total # of Containers		
2:	0 11	2:			/	1027	PROJE	CT#:		1561-	1601				Turnaround Time Request		
3:		3:				-	SITE A	DDRES	S:	20	55				O Standard 5 Business Days O 2 Business Day Rush		
							SEND	REPORT	TO:	lec	na-mi	les@a	em-net.co	<u>om</u>	O Next Business Day Rush		
	UCTIONS/COMMENTS:	OUT / / VIA:							Leona						O Same Day Rush (auth req.)		
Dres	ierve e lab						(IF DIF	FEREN	FROM	ABOVE)					Other: 10 business Days		
1		IN / VIA: CLIENT FedEx UPS MAIL COURIER											STATE PROGRAM (if any): E-mail? Y / N; Fax? Y / N				
				THER_			QUOT	E#:			1	PO#:			E-mail? Y/N; Fax? Y/N DATA PACKAGE: I II III	IV	
SAMPLES REC	EIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS	RECEIVED ON	THE NEXT BU	SINESS I	DAY; IF	NO TAT IS	MARKI	ED ON C	OC AES	WILL P	ROCEE	D AS ST	NDARD TA			-	
SAMPLES ARE	DISPOSED OF 30 DAYS AFTER COMPLETION OF REPOR													Page 2 of 6			

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-100317-TL-004-A

 Project Name:
 DCSD - 2055
 Collection Date:
 10/3/2017 4:57:00 AM

 Lab ID:
 1710207-001
 Matrix:
 Drinking Water

Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS	E200.8				(E2	200.2)			
Lead		17.7	1.00		ug/L	249492	. 1	10/10/2017 01:56	JR

Date:

13-Oct-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative
NC Not confirmed

< Less than Result value

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-100317-TL-004-B

 Project Name:
 DCSD - 2055
 Collection Date:
 10/3/2017 4:58:00 AM

 Lab ID:
 1710207-002
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200	8			(E2	200.2)			
Lead	1.40	1.00		ug/L	249492	. 1	10/10/2017 02:03	JR

Date:

13-Oct-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative
NC Not confirmed

< Less than Result value



SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name:				AES Work Order Numb	er:
2. Carrier: FedEx UPS USPS Client Courier Other					
	Yes	No	- N/A	Details	Comments
3. Shipping container/cooler received in good condition?			T	damaged leaking other	
4. Custody seals present on shipping container?	_	1			
5. Custody seals intact on shipping container?					
6. Temperature blanks present?					
Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for				Cooling initiated for recently collected samples / ice	
7. temperature recordings.]				present	
8. Chain of Custody (COC) present?		1			
9. Chain of Custody signed, dated, and timed when relinquished and received	: ?b				
10. Sampler name and/or signature on COC?		1			
11. Were all samples received within holding time?		1			
12. TAT marked on the COC?				If no TAT indicated, proceeded with standard TAT per	Terms & Conditions.
				•	
13. Cooler 1 Temperature °C Cooler 2 Temperature			°C	· · · · · · · · · · · · · · · · · · ·	ler 4 Temperature °C
Cooler 5 Temperature °C Cooler 6 Temperature			°C	Cooler 7 Temperature °C Coo	ler 8 Temperature°C
15. Comments:					
				I certify that I have o	completed sections 1-15 (dated initials).
	Vaa	No	NI/A	·	
16. Were sample containers intact upon receipt?	Yes	No	N/A	Details	Comments
17. Custody seals present on sample containers?	+	1	1		
18. Custody seals intact on sample containers?	+	1	1		
18. Custody seals intact on sample containers:	+-	1		incomplete info illegible	
19. Do sample container labels match the COC?				incomplete info illegible in o label other	
20. Are analyses requested indicated on the COC?	+-	1		no label other	
20. Are analyses requested indicated on the COC:	+			samples received but not listed on COC	
21. Were all of the samples listed on the COC received?				1 : =	
22. Was the sample collection date/time noted?	+-	1		samples listed on COC not received	
23. Did we receive sufficient sample volume for indicated analyses?	+-	1			
24. Were samples received in appropriate containers?					
25. Were VOA samples received without headspace (< 1/4" bubble)?					
26. Were trip blanks submitted?				listed on COC not listed on COC	
26. Were trip blanks submitted:		<u> </u>	<u>. </u>	listed on COC not listed on COC	1
27. Comments:					
				I certify that I have o	completed sections 16-27 (dated initials).
	Yes	No	N/A	Details	Comments
28. Have containers needing chemical preservation been checked? *	1		T		
29. Containers meet preservation guidelines?			t		
30. Was pH adjusted at Sample Receipt?					

Client: Atlanta Environmental Mgmt

Project Name: DCSD - 2055 **Workorder:** 1710207

ANALYTICAL QC SUMMARY REPORT

Date:

13-Oct-17

BatchID: 249492

Sample ID: MB-249492	Client ID:				Unit		Prep Date:	10/09/2017	Run No: 354026
SampleType: MBLK	TestCode:	Trace Elements by ICP/N	1S E200.8		Bato	chID: 249492	Analysis Date:	10/10/2017	Seq No: 7790552
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPI	RPD Limit Qual
Lead	BRL	1.00							
Sample ID: LCS-249492	Client ID:				Unit	s: ug/L	Prep Date:	10/09/2017	Run No: 354026
SampleType: LCS	TestCode:	Trace Elements by ICP/N	1S E200.8		Bato	chID: 249492	Analysis Date:	10/10/2017	Seq No: 7790553
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPI	RPD Limit Qual
Lead	106.3	1.00	100.0		106	85	115		
Sample ID: 1710206-021AMS	Client ID:				Unit	s: ug/L	Prep Date:	10/09/2017	Run No: 354026
SampleType: MS	TestCode:	Trace Elements by ICP/N	1S E200.8		Bato	chID: 249492	Analysis Date:	10/10/2017	Seq No: 7790555
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPI	RPD Limit Qual
Lead	190.0	1.00	100.0	71.55	118	70	130		
Sample ID: 1710235-003AMS	Client ID:				Unit	s: ug/L	Prep Date:	10/09/2017	Run No: 354026
SampleType: MS	TestCode:	Trace Elements by ICP/N	IS E200.8		Bato	chID: 249492	Analysis Date:	10/10/2017	Seq No: 7790558
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPI	RPD Limit Qual
Lead	100.8	1.00	100.0	1.922	98.9	70	130		
Sample ID: 1710206-021AMSD	Client ID:				Unit	s: ug/L	Prep Date:	10/09/2017	Run No: 354026
SampleType: MSD	TestCode:	Trace Elements by ICP/M	1S E200.8		Bato	chID: 249492	Analysis Date:	10/10/2017	Seq No: 7790556
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPI	RPD Limit Qual
Lead	185.4	1.00	100.0	71.55	114	70	130 190.0	2.45	20

Qualifiers: > Greater than Result value

BRL Below reporting limit

Rpt Lim Reporting Limit

J Estimated value detected below Reporting Limit

< Less than Result value

E Estimated (value above quantitation range)

N Analyte not NELAC certified

S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank

H Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

Page 6 of 6

Leona Miles

From: NoReply@aesatlanta.net

Sent: Friday, November 17, 2017 4:35 PM

To: leona-miles@aem-net.com; tim-royer@aem-net.com

Subject: DCSD - 2055

Attachments: 1711901_REPORT.pdf; 1711901Invoice.pdf

Please see attached. If you have any questions or need further assistance please contact your project manager at 770-457-8177.

AES Reporting System

ANALYTICAL ENVIRONMENTAL SERVICES,INC. 3080 Presidential Drive ATLANTA,GA 30340 Tel:770-457-8177 Fax:770-457-8188 http:\\www.aesatlanta.com

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ANALYTICAL ENVIRONMENTAL SERVICES, INC.



November 17, 2017

Leona Miles

Atlanta Environmental Mgmt

2580 NE Expressway

Atlanta

GA

30345

RE:

DCSD - 2055

Leona Miles: Dear

Order No:

1711901

Analytical Environmental Services, Inc. received

2

samples on

11/9/2017 9:22:00 AM

for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES's accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/17-06/30/18.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective 07/01/17-06/30/18 and Total Coliforms/ E. coli, effective 04/25/17-04/24/20.

- -NELAP/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/17-06/30/18.
- -AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/19.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Ioana Pacurar

Project Manager

Ivana Pacurar

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

COMPANY: ADDRESS: Atlanta Environmental Management Inc ANALYSIS REQUESTED 2580 Northeast Expressway NE Visit our website Atlanta, GA 30345 www.aesatlanta.com 200.8) PHONE: FAX: to check on the status of 404-329-9006 404-329-2057 your results, place bottle SAMPLED BY: SIGNATURE: orders, etc. Lead SAMPLED Matrix (See codes) SAMPLE ID PRESERVATION (See codes) REMARKS DATE TIME 2055-110917-TL-004-A 11/9/17 0454 OW 2055 - 110917 - TL-004-P 9/17 1455 .5 6 8 9 10 11 12 13 14 15 RELINOUISHED BY DATE/TIME RECEIVED B PROJECT INFORMATION RECEIPT PROJECT NAME: Total # of Containers DCSD 1561-1601 PROJECT #: Turnaround Time Request SITE ADDRESS: Standard 5 Business Days 2 Business Day Rush SEND REPORT TO: leona-miles@aem-net.com 0 Next Business Day Rush SPECIAL INSTRUCTIONS/COMMENTS: SHIPMENT METHOD INVOICE TO: Leona Miles Same Day Rush (auth req.) OUT (IF DIFFERENT FROM ABOVE) VIA: Other: 10 business Days Preserve @ lab VIA: STATE PROGRAM (if any): CLIENT FedEx UPS MAIL COURIER E-mail? Y/N: Fax? Y/N GREYHOUND OTHER OUOTE #: SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT. DATA PACKAGE: I II III IV SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE. GW = Groundwater SE = Sediment SO = Soil SW = Surface Water DW=Drinking Water W = Water (Blanks) O = Other (specify) Page 2 of 6 PRESERVATIVE CODES: H+1 = Hydrochloric acid + ice I = Ice only N = Nitric acid S+1 = Sulfuric acid + ice S/M+1 = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

Client:Atlanta Environmental MgmtClient Sample ID:2055-110917-TL-004-AProject Name:DCSD - 2055Collection Date:11/9/2017 4:54:00 AMLab ID:1711901-001Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E 2	200.2)			
Lead	5.31	1.00		ug/L	251392	1	11/13/2017 21:11	TA

Date:

17-Nov-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 2055-110917-TL-004-B

 Project Name:
 DCSD - 2055
 Collection Date:
 11/9/2017 4:55:00 AM

 Lab ID:
 1711901-002
 Matrix:
 Drinking Water

Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS	E200.8				(E 2	200.2)			
Lead		BRL	1.00		ug/L	251392	. 1	11/13/2017 21:13	TA

Date:

17-Nov-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative
NC Not confirmed

< Less than Result value



SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: AES Work Order Number:														
2.	Carrier: FedEx UPS USPS Client Courier Other													
		Yes	No	N/A	Details	Comments								
3.	Shipping container/cooler received in good condition?				damaged leaking other									
	Custody seals present on shipping container?													
5.	Custody seals intact on shipping container?													
6.	. Temperature blanks present?													
7.	Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for				Cooling initiated for recently collected samples / ice									
/.	temperature recordings.]				present									
8.	. Chain of Custody (COC) present?													
9.	. Chain of Custody signed, dated, and timed when relinquished and received?													
10.	. Sampler name and/or signature on COC?													
11.	. Were all samples received within holding time?													
12.	TAT marked on the COC?				If no TAT indicated, proceeded with standard TAT per Te	rms & Conditions.								
13.	Cooler 1 Temperature Cooler 2 Temperature			°C	Cooler 3 Temperature °C Coole	r 4 Temperature °C								
						· ————								
	Cooler 5 Temperature °C Cooler 6 Temperature			,C	Cooler 7 Temperature °C Coole	r 8 Temperature°C								
15.	. Comments:													
						1.1.2.2.4.4.1.1.11.11								
	I certify that I have completed sections 1-15 (dated initials).													
		Yes	No	N/A	Details	Comments								
	. Were sample containers intact upon receipt?	ļ												
	. Custody seals present on sample containers?	ļ												
18.	Custody seals intact on sample containers?													
19.	. Do sample container labels match the COC?				incomplete info illegible									
20.	Are analyses requested indicated on the COC?				no label other									
					samples received but not listed on COC									
21.	. Were all of the samples listed on the COC received?				samples listed on COC not received									
22.	. Was the sample collection date/time noted?													
23.	Did we receive sufficient sample volume for indicated analyses?													
24.	Were samples received in appropriate containers?													
25.	. Were VOA samples received without headspace (< 1/4" bubble)?													
26.	. Were trip blanks submitted?				listed on COC not listed on COC									
27.	. Comments:		-	-	•									
					I certify that I have co	mpleted sections 16-27 (dated initials).								
		Yes	No	N/A	Details	Comments								
28	Have containers needing chemical preservation been checked? *		1.10	.,,,	Details	Comments								
	Containers meet preservation guidelines?	 												
	Was pH adjusted at Sample Receipt?													
		1		1		i e e e e e e e e e e e e e e e e e e e								

Atlanta Environmental Mgmt **Client:**

Project Name: DCSD - 2055 Workorder: 1711901

ANALYTICAL QC SUMMARY REPORT

Date:

17-Nov-17

BatchID: 251392

Sample ID: MB-251392	Client ID:				Unit	s: ug/L	Prep Date:	11/13/2017	Run No: 356830	
SampleType: MBLK	TestCode:	Trace Elements by ICP/MS I	E200.8		Bato	chID: 251392	Analysis Date:	11/13/2017	Seq No: 7861726	
Analyte	Result	RPT Limit SP	K value	SPK Ref Val	%REC	Low Limit	High Limit RPD Ref	Val %RPD	RPD Limit Qual	
Lead	BRL	1.00								
Sample ID: LCS-251392	Client ID:				Unit	s: ug/L	Prep Date:	11/13/2017	Run No: 356830	
SampleType: LCS	TestCode:	Trace Elements by ICP/MS	E200.8		BatchID: 251392		Analysis Date: 11/13/2017 Seq No: 7861729			
Analyte	Result	RPT Limit SP	K value	SPK Ref Val	%REC	Low Limit	High Limit RPD Ref	Val %RPD	RPD Limit Qual	
Lead	92.64	1.00	100.0		92.6	85	115			
Sample ID: 1711A51-001BMS	Client ID:				Unit	s: ug/L	Prep Date:	11/13/2017	Run No: 356830	
SampleType: MS	TestCode: Trace Elements by ICP/MS E200.8				Bato	chID: 251392	Analysis Date: 11/13/2017 Seq No: 7861734			
Analyte	Result	RPT Limit SP	K value	SPK Ref Val	%REC	Low Limit	High Limit RPD Ref	Val %RPD	RPD Limit Qual	
Lead	89.64	1.00	100.0		89.6	70	130			
Sample ID: 1711C14-001AMS	Client ID:				Unit	s: ug/L	Prep Date:	11/13/2017	Run No: 356830	
SampleType: MS	TestCode: Trace Elements by ICP/MS E200.8					chID: 251392	Analysis Date: 11/13/2017 Seq No: 7861731			
Analyte	Result	RPT Limit SP	K value	SPK Ref Val	%REC	Low Limit	High Limit RPD Ref	Val %RPD	RPD Limit Qual	
Lead	85.62	1.00	100.0		85.6	70	130			
Sample ID: 1711C14-001AMSD	Client ID:				Unit	s: ug/L	Prep Date:	11/13/2017	Run No: 356830	
SampleType: MSD	TestCode:	Trace Elements by ICP/MS	E200.8		BatchID: 251392		Analysis Date: 11/13/2017 Seq No: 7		Seq No: 7861732	
Analyte	Result	RPT Limit SP	K value	SPK Ref Val	%REC	Low Limit	High Limit RPD Ref	Val %RPD	RPD Limit Qual	
Lead	90.96	1.00	100.0		91.0	70	130 85.62	6.05	20	

Qualifiers: Greater than Result value

> BRL Below reporting limit

Rpt Lim Reporting Limit

Estimated value detected below Reporting Limit

S Spike Recovery outside limits due to matrix

Less than Result value

E Estimated (value above quantitation range)

N Analyte not NELAC certified

B Analyte detected in the associated method blank

Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

Page 6 of 6